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New York

AGRICULTURAL STATISTICS 1987-1988

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NEW YORK AGRICULTURAL STATISTICS SERVICE
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NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS
DIVISION OF STATISTICS

Cooperating With

UNITED STATES DEPARTMENT OF AGRICULTURE
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August 1988

STATE OF NEW YORK

DEPARTMENT OF AGRICULTURE AND MARKETS
CAPITAL PLAZA - 1 WINNERS CIRCLE
ALBANY, NEW YORK 12235

DONALD G. BUTCHER
COMMISSIONER

MARIO M. CUOMO
GOVERNOR

July 1, 1988

Dear Friend:

The information in the following pages provides a statistical profile of the agricultural industry in New York State. Sound decisions come from good information. This 1987-1988 edition of New York Agricultural Statistics is provided as a handy reference source for basic information and as a tool for effective decision making.

Without the help of the thousands of New York farm families and agribusinesses who supplied the raw data, this report would not be possible. The staff of the New York Agricultural Statistics Service could not do the outstanding job it does year to year for us all. We hope this information will help make all New York farmers and others in the food and agriculture industry more efficient and more prosperous.

Donald G. Butcher

Donald G. Butcher
Commissioner

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AGRICULTURAL
STATISTICS SERVICE

Fact Finding
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U.S.D.A., National Agricultural Statistics Service | N.Y. Dept. of Agriculture and Markets, Division of Statistics

July 1, 1988

Dear Friends:

In last year's bulletin I told you about Abraham Lincoln establishing the Department of Agriculture in 1862. A year later in July 1863 the first monthly Crop Report was issued. These reports measure the change taking place in production, marketing and new commodities.

I started working for this agency on July 1, 1949 and hybrid corn was the new technology on the scene. Corn yields were about 30 bushels per acre compared to over 100 bushels today. Computers were only found in engineering laboratories or secret military research units. Today they are often on larger farms but always in our agricultural businesses with programs to guide our livestock feeding or breeding or to keep our business records.

The future brings more science in biotechnology, computers are in the new farm equipment, and management requires more information than ever before. Each year the requests for additional statistical information about acreage, production, weather effects, livestock numbers, milk production and utilization increase. Information by type of farm or size of farm is also of great interest.

The surveys we make are part of local, state and even international needs. Farmers are requesting new reports for small fruits, trout, and specialty commodities. Change has been measured over the last 125 years of crop reports or my 39 years of government service. Thanks to all the farmers and agricultural businesses who answer our survey questionnaires so that this book may continue to record the changes taking place.

Glenn W. Suter

Glenn W. Suter
State Statistician

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ECONOMIC INDICATORS

FINANCE SURVEY

New York farmers' financial situation showed continued improvement in 1987, according to the Annual New York Farm Finance Survey. Less than 15 percent of New York farms reported a debt-to-asset ratio exceeding 40 percent. This compares to 17 percent in 1986 and over 20 percent in 1985. Operations with debt-to-asset ratios above 40 percent are considered to be under financial stress.

Debt-to-asset ratio for all farms responding to the survey was 17.3 percent, the lowest since the survey began in 1985. This may be the result of farmers with higher debts leaving farming or farmers paying off debts rather than purchasing new equipment, buildings, land or other assets.

Fourty-two percent of New York farmers had no debt in 1987, compared to 40 percent in 1986 and 32 percent in 1985.

The 1,931 reporting farms averaged $94,200 gross farm sales including government payments in 1987 compared to $85,600 in 1986. Total production expenditures averaged $72,700 per farm compared to $68,100 reported in the 1986 survey. The survey showed many farms with expenses greater than sales with the median income at $10,000 and the average income at $21,500.

The financial situation does not look as promising for 1988. Prices farmers are receiving for milk, eggs, apples and potatoes are currently down compared to a year ago. Milk sales account for nearly 60 percent of New York farm cash receipts.

Farmers were asked to rank the factors they felt were the primary cause of farm financial problems in their area today. They are in order of importance, prices received by farmers, production input costs, too much debt or credit extended, property taxes, and poor management.

Copies of the 1988 report are available upon request.

USDA ESTIMATES OF FARM INCOME

The Economic Research Service, U.S. Department of Agriculture (USDA) annually publishes state level estimates of farm income. These estimates are based on USDA's annual Farm Costs and Returns Survey, but take into account a variety of existing independent data such as cash receipts, government payments, property taxes, number of farms, land in farms, etc.

The data in Table 2 on page 7 and Table 3 on page 8 include operator households. The data on page 9 exclude operator households. A copy of the principal concepts used in developing these farm income estimates is available upon request.

FARMS AND FARMLAND UTILIZATION

New York's number of farms, after being fairly constant for several years have begun to move downward as more operators leave the farm due to economic pressures, urbanization and other factors. Since 1978 the total land in farms has decreased 12 percent. At the same time the number of farms increased slightly to a peak of 49,000 in 1983 and then declined about 4 percent each year.

Total cropland has averaged about 62 percent of the total land with yearly decreases of about 2 percent during recent years. Field crops such as corn, hay, small grains, potatoes, soybeans and other field crops account for 93 percent of the total cropland harvested. Vegetable crops make up 4 percent and fruit crops 3 percent.

For several years the Agricultural Statistics Service has sensed the need for statistics on how our land in farms is used. The Census of Agriculture conducted by the U.S. Department of Commerce every five years is a good reference source, but the completeness of coverage varies from one census to another. In 1982 we expanded our coverage to collect additional data needed for annual state and county estimates.

The estimates are based on large scale annual surveys with about 15,000 farms reporting each year. The component estimates balance to "official" USDA estimates of the total land in farms in New York. County estimates for major land use categories for 1986 and 1987 appear on pages 86 and 87.

Table 1. FARMS AND FARMLAND: Number of Farms, Land in Farms and Land Use, 1978-1987

Item	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Number of farms	47,000	48,000	47,000	47,000	48,000	49,000	47,000	44,000	42,000	40,500
Acres per farm	209	200	200	206	198	194	200	207	207	212
					Thousand acres					
Land in Farms	9,800	9,600	9,400	9,700	9,500	9,500	9,400	9,100	8,700	8,600
Cropland, Total	6,150	5,980	5,830	5,920	5,890	5,800	5,770	5,640	5,450	5,350
Cropland harvested, Total	4,573	4,610	4,633	4,608	4,554	4,250	4,389	4,407	4,192	3,913
Field Crops harvested	4,293	4,330	4,355	4,330	4,276	3,976	4,112	4,126	3,933	3,648
Vegetable Crops harvested	162	161	159	160	161	158	162	167	145	151
Fruit Crops harvested	118	119	119	118	117	116	115	114	114	114
Cropland Pasture	1,115	961	838	918	936	945	926	820	740	760
Other Cropland	462	409	359	394	400	605	455	414	518	677
Permanent Pasture 1/	820	813	802	845	807	853	836	835	785	795
Woodland 2/	2,090	2,073	2,044	2,140	2,043	2,043	2,014	1,895	1,805	1,775
Other Land 3/	740	734	724	795	760	804	780	730	660	680

1/ Excludes cropland and woodland pasture.
2/ Includes woodland pasture.
3/ Includes house lots, ponds, roads, waste, etc.

FARM DEBT-TO-ASSET RATIO CONTINUES DOWN TREND

The debt-to-asset ratio for New York farms at the end of 1986 was 19.8 percent, down from 22.1 in1985 and the peak of 25.1 in 1983. This placed 1986 as the second year in succession the New York ratio has been below the U.S. average.

On December 31, 1986 the value of farms assets in New York, including operator households, totaled an estimated $13.2 billion. Proprietors' equity amounted to $10.6 billion after accounting for total farm debt of $2.62 billion. With 42,000 farms in 1986 this translates into per farm averages of $315,000 in assets, $252,000 in proprietors' equity and $62,000 of debt.

The Balance Sheet of the Farming Sector assembles into one statement the major farm asset inventory and liability accounts. These estimates are compiled by the Agriculture and Rural Economy Division, Economic Research Service, U.S. Department of Agriculture.

Figure 1. FARM BALANCE SHEET New York, December 31, 1977-1986

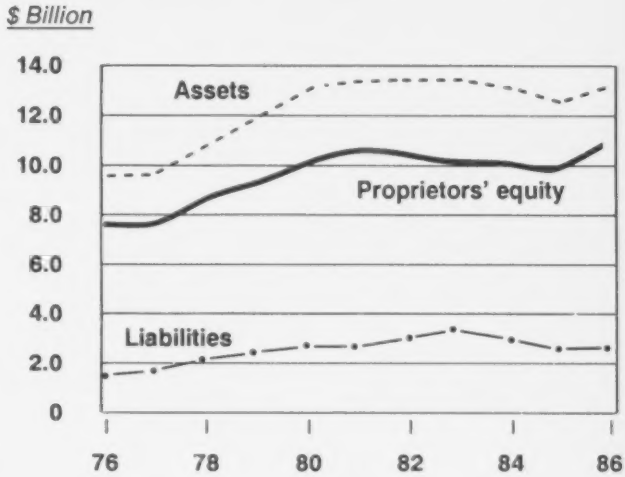


Table 2. Balance Sheet of the Farming Sector (Includes Farm Households) December 31, 1977-1986 1/

Item	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
					Million dollars					
Physical assets:										
Real estate, total	5,880	6,432	6,768	7,498	7,800	7,761	7,999	7,595	7,498	8,100
Value of farm land	3,903	4,309	4,575	5,093	5,323	5,321	5,537	5,329	5,311	5,653
Value of farm buildings	1,977	2,123	2,193	2,405	2,477	2,440	2,462	2,226	2,187	2,447
Nonreal estate, total	3,003	3,580	4,255	4,647	4,730	4,831	4,522	4,467	4,180	4,052
Livestock and poultry	717	1,059	1,463	1,526	1,395	1,310	1,112	1,143	1,055	1,066
Machinery and motor vehicles	1,621	1,792	2,037	2,196	2,454	2,553	2,462	2,284	2,106	1,811
Crops 2/	391	432	466	600	517	552	489	509	485	378
Household equipment and furnishings	275	297	289	325	364	416	459	530	625	797
Financial assets:										
Deposits and currency	300	313	314	319	341	367	375	391	408	473
U.S. savings bonds	61	67	63	60	58	58	58	57	60	69
Investments in cooperatives	362	435	478	500	524	487	510	524	539	518
Total farm assets	9,607	10,827	11,878	13,024	13,453	13,504	13,464	13,034	12,686	13,211
Liabilities:										
Real estate debt 3/	883	940	1,113	1,200	1,292	1,350	1,360	1,290	1,225	1,102
Nonreal estate debt 4/	967	1,169	1,394	1,670	1,634	1,807	2,017	1,719	1,585	1,514
Total farm debt	1,854	2,118	2,522	2,911	2,979	3,157	3,377	3,009	2,809	2,616
Proprietors' equities	7,753	8,709	9,356	10,113	10,474	10,346	10,088	10,024	9,877	10,595
Debt-to-asset ratio (Percent)	19.3	19.6	21.2	22.4	22.1	23.4	25.1	23.1	22.1	19.8

Source: Economic Research Service, U.S. Department of Agriculture.
1/ May not add due to rounding. Procedural changes incorporated for some items beginning with 1982.
2/ All crops held on farms including value above loan rates for crops held under CCC.
3/ Includes CCC storage and drying facility loans.

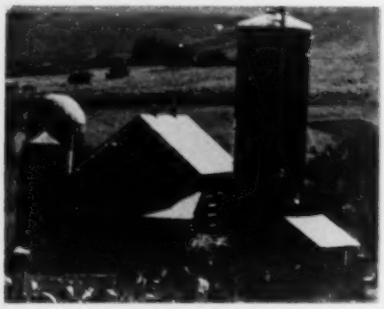
Table 3. Farm Income Indicators, 1977-1986

Item	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
	Million dollars									
Gross farm income 1/	1,914.6	2,172.9	2,585.6	2,806.4	3,065.2	2,988.3	2,944.7	3,054.2	2,923.4	2,892.6
Cash income	1,755.4	1,971.0	2,287.3	2,533.5	2,735.0	2,654.4	2,699.6	2,788.1	2,701.3	2,687.2
Farm marketings	1,722.1	1,916.1	2,234.5	2,480.2	2,675.4	2,585.7	2,605.0	2,655.8	2,577.6	2,533.0
Crops	520.3	569.1	624.2	703.6	802.3	731.1	686.8	734.6	730.4	724.5
Livestock & products	1,201.7	1,347.0	1,610.3	1,776.5	1,873.2	1,854.5	1,918.2	1,921.2	1,847.2	1,808.5
Government payments	8.6	22.5	9.0	5.8	6.9	13.8	39.0	63.7	43.1	76.7
Other farm income	24.7	32.4	43.7	47.5	52.7	55.0	55.6	68.6	80.5	77.5
Machine hire/customwork	12.1	8.2	9.5	8.4	9.2	9.3	6.5	7.7	10.5	6.8
Other farm-related income 2/	12.6	24.2	34.2	39.0	43.5	45.7	49.2	61.0	70.0	70.7
Noncash income	197.0	191.9	208.3	221.9	241.5	270.3	280.9	257.4	238.9	230.4
Value of home consumption	27.4	24.2	28.9	30.3	29.3	28.2	28.4	26.7	23.4	22.2
Rental value of dwellings	169.5	167.7	179.4	191.6	212.2	242.1	252.5	230.6	215.5	208.2
Operators' dwellings	163.8	162.7	174.6	186.7	207.3	237.0	247.5	225.8	211.0	203.4
Hired laborers' dwellings	5.7	5.0	4.8	4.9	4.8	5.0	5.0	4.9	4.4	4.9
Value of inventory adjustment	-37.7	10.0	90.1	51.0	88.7	63.6	-35.8	8.7	-16.8	-25.0
Total production expenses 1/	1,755.9	1,887.3	2,209.4	2,461.9	2,664.0	2,599.1	2,722.1	2,689.0	2,473.6	2,294.1
Intermediate product expenses	951.7	1,031.6	1,214.8	1,376.2	1,441.8	1,307.5	1,504.1	1,462.0	1,338.8	1,204.6
Farm origin	437.2	446.7	519.8	600.8	627.3	519.5	608.8	553.7	504.7	435.2
Feed	372.5	379.2	442.7	519.0	546.0	448.3	541.7	477.5	430.1	368.1
Livestock	10.1	12.9	19.1	19.7	17.6	14.3	13.5	14.4	14.5	13.6
Seed	54.6	54.7	58.1	62.1	63.8	56.9	53.7	61.8	60.1	53.5
Manufactured inputs	223.6	260.9	311.9	377.2	396.5	379.0	373.0	374.4	369.5	300.0
Fertilizer and lime	84.9	96.2	116.9	138.5	132.6	123.6	123.4	122.7	127.7	97.7
Pesticides	28.5	37.3	47.5	48.1	56.1	56.1	54.5	62.5	63.2	56.8
Fuel and oil	86.0	91.6	109.5	149.8	160.1	142.5	135.6	129.1	119.0	86.6
Electricity	24.2	35.9	38.0	40.9	47.7	56.7	59.6	60.1	59.7	58.9
Other	290.8	323.9	383.0	398.2	418.0	409.0	522.3	533.9	464.6	469.4
Repair and operation	119.9	151.3	164.1	167.2	166.5	145.6	153.7	152.0	150.8	152.9
Other misc. 3/	170.9	172.6	218.9	230.9	251.5	263.4	368.6	381.9	313.8	316.5
Interest	133.1	161.8	210.3	268.4	342.4	372.6	330.7	323.4	275.4	252.5
Real estate	61.4	64.8	74.9	88.1	99.3	115.4	128.1	126.7	103.6	95.8
Nonreal estate	71.7	96.9	135.4	180.3	243.1	257.3	202.6	196.7	171.8	156.7
Contract & hired labor expenses	219.7	212.0	234.1	246.5	240.9	274.2	264.2	262.5	265.1	267.3
Cash labor expenses 4/	200.4	195.0	215.7	227.5	222.8	252.1	242.6	239.7	243.2	249.0
Perquisites	19.3	17.0	18.4	18.9	18.2	22.2	21.6	22.8	22.0	18.3
Net rent to nonoperator landlords 5/	-10.5	-9.7	-5.2	-2.2	-3.6	-13.4	-22.0	-10.1	-13.1	-11.1
Capital consumption	350.2	377.4	432.2	454.9	506.9	528.9	537.4	506.0	453.0	424.6
Property taxes	111.7	114.3	123.3	118.1	135.9	129.3	157.7	145.1	154.4	156.3
NET FARM INCOME	158.7	285.5	376.2	344.5	401.3	389.2	172.6	365.2	449.7	598.4

Table 3. Farm Income Indicators, 1977-1986 (*Continued*)

Item	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
					Million dollars					
Cash income 6/	1,755.4	1,971.0	2,287.3	2,533.5	2,735.0	2,654.4	2,699.6	2,788.1	2,701.3	2,687.2
Cash expenses 6/	1,343.3	1,447.3	1,712.6	1,937.4	2,085.4	2,005.7	2,167.2	2,112.9	1,947.9	1,808.8
Intermediate product expenses	934.3	1,012.3	1,197.3	1,356.9	1,423.3	1,285.3	1,480.0	1,437.4	1,311.3	1,175.5
Interest	123.1	151.4	198.6	255.0	327.4	357.2	314.5	306.1	258.0	245.0
Cash labor expenses 4/	200.4	195.0	215.7	227.5	222.8	252.1	242.6	239.7	243.2	249.0
Net rent to nonoperator landlords 5/	-10.5	-9.7	-5.2	-2.2	-3.6	-13.4	-22.0	-10.1	-13.1	-11.1
Property taxes	96.0	98.3	106.1	100.2	115.5	124.5	152.1	139.9	148.5	150.3
NET CASH INCOME	412.1	523.7	574.6	596.1	649.7	648.8	532.5	675.2	753.4	878.4
Cash income	1,755.4	1,971.0	2,287.3	2,533.5	2,735.0	2,654.4	2,699.6	2,788.1	2,701.3	2,687.2
Cash expenses	1,343.3	1,447.3	1,712.6	1,937.4	2,085.4	2,005.7	2,167.2	2,112.9	1,947.9	1,808.8
Capital consumptions	298.2	325.2	375.6	394.1	440.1	456.3	465.3	433.3	384.4	358.2
NET BUSINESS INCOME 7/	113.9	198.5	199.1	202.0	209.6	192.5	67.1	241.9	369.0	520.2
Gross receipts of farms 8/	1,750.8	2,010.2	2,411.0	2,619.7	2,857.9	2,751.3	2,697.2	2,828.4	2,712.3	2,689.2
Nonfactor payments 6/	1,328.5	1,435.8	1,679.0	1,851.2	1,978.8	1,866.1	2,097.4	2,010.5	1,844.3	1,684.0
Intermediate product expenses	934.3	1,012.3	1,197.3	1,356.9	1,423.3	1,285.3	1,480.0	1,437.4	1,311.3	1,175.5
Capital consumption	298.2	325.2	375.6	394.1	440.1	456.3	465.3	433.3	384.4	358.2
Property taxes	96.0	98.3	106.1	100.2	115.5	124.5	152.1	139.9	148.5	150.3
Factor payments 6/	422.3	574.4	732.0	768.5	879.0	885.2	599.8	817.9	868.0	1,005.2
Interest	123.1	151.4	198.6	255.0	327.4	357.2	314.5	306.1	258.0	245.0
Contract and hired labor expenses	219.7	212.0	234.1	246.5	240.9	274.2	264.2	262.5	265.1	267.3
Net rent to nonoperator landlords 5/	-10.5	-9.7	-5.2	-2.2	-3.6	-13.4	-22.0	-10.1	-13.1	-11.1
RETURNS TO OPERATORS 9/	90.0	220.8	304.5	269.3	314.3	267.2	43.2	259.4	358.1	504.0
Off-farm income 10/	465.2	531.0	607.2	622.5	642.3	628.3	638.5	660.9	733.6	771.1

1/ Includes operator dwellings.
2/ Includes forest product sales,recreational income, and other farm business-related income. Estimates for 1982 and later include income from custom feeding services.
3/ Includes machine hire and customwork expenses; marketing, storage,and transportation expenses; and miscellaneous expenses. Definitions and data sources for 1978 and later are not directly compatible with those of earlier years.
4/ Includes contract labor expenses,hired labor wages, and Social Security payments.
5/ Uses different data scurces for periods before 1979, 1979-83, and 1984 and later. Estimates are not directly compatible among periods.
6/ Excludes operator dwellings.
7/ Cash income less cash expenses and capital consumption
8/ Gross farm income less rental value of operators' dwellings.
9/ Gross receipts of farms less nonfactor payments, interest, wages to contract and hired labor, and net rent to nonoperator landlords.
10/ Includes off-farm income for members of farm operators' households only.



FARM CASH RECEIPTS DECLINED 2 PERCENT IN 1986

Receipts from the sale of all New York farm products in 1986 totaled $2.53 billion, down 2 percent from calendar year 1985.

Receipts for livestock and poultry products declined 2 percent to $1.81 billion, and accounted for 71 percent total for all commodities. Lower prices for milk and cattle for slaughter contributed most to the reduction from 1985.

Receipts for all crops in 1986 totaled $724 million, down 1 percent from 1985.

Table 4. CASH RECEIPTS: Farm Marketings by Commodities, 1977-1986

	1977		1978	1979	1980	1981	
	Thou. dollars	% of Total	-----Thousand dollars-----			Thou. dollars	% of Total
LIVESTOCK AND PRODUCTS	1,201,739	69.8	1,347,044	1,610,286	1,776,547	1,873,165	70.0
Dairy products	981,200	57.0	1,085,585	1,243,295	1,404,002	1,502,097	56.1
Cattle and calves	98,666	5.7	140,961	172,299	177,116	151,439	5.7
Eggs	77,653	4.5	72,257	80,006	73,941	87,224	3.3
Hogs	13,450	.8	17,402	17,894	12,716	18,104	.7
Ducks	9,744	.6	11,025	12,408	12,960	12,188	.5
Chickens, excluding broiler	2,759	.2	2,341	2,704	1,961	2,339	.1
Turkeys	1,211	.1	1,664	1,859	2,274	2,172	.1
Sheep and wool	1,730	.1	2,032	1,836	2,020	2,296	-1
Broilers	559	-	653	655	756	717	-
Other livestock and poultry	14,767	.9	13,124	77,330	88,801	95,306	3.6
FIELD CROPS	163,562	9.5	155,349	177,697	230,262	280,694	10.5
Potatoes	48,103	2.8	46,220	46,613	55,550	77,764	2.9
Hay	26,085	1.5	29,429	25,722	31,846	38,706	1.4
Corn	54,391	3.2	48,948	64,133	88,685	103,157	3.9
Dry beans	7,326	.4	7,746	7,443	16,092	18,092	.7
Wheat	15,209	.9	8,364	19,340	19,349	23,513	.9
Oats	8,780	.5	9,010	8,239	12,406	13,234	.5
Other field and seed crops	3,668	.2	5,632	6,207	6,334	6,228	.2
VEGETABLE CROPS	138,781	8.1	136,955	151,205	176,174	217,634	8.1
Onions	33,837	2.0	31,091	38,332	47,905	68,534	2.6
Snap beans	20,278	1.2	22,394	23,627	26,475	25,116	.9
Cabbage	26,876	1.6	20,951	18,442	16,600	21,294	.8
Tomatoes 1/	5,915	.3	6,666	9,906	11,898	11,837	.4
Lettuce	5,749	.3	6,617	8,824	10,853	13,412	.5
Sweet corn	13,692	.8	13,329	17,030	20,964	24,898	.9
Cauliflower	5,949	.3	5,469	4,924	6,476	10,782	.4
Celery	1,967	.1	4,569	2,537	2,814	4,171	.2
Cucumbers 1/	2,707	.2	2,998	3,763	3,661	5,723	.2
Carrots	3,356	.2	1,714	1,451	3,123	3,747	.1
Beets	1,806	.1	2,907	2,950	2,807	2,519	.1
Green peas	1,786	.1	2,025	2,595	2,802	4,098	.2
Other vegetables	14,863	.9	16,225	17,224	19,796	21,503	.8
FRUIT CROPS	112,689	6.5	165,537	183,621	162,106	164,782	6.2
Apples	73,091	4.2	96,025	117,485	99,826	111,479	4.2
Grapes	24,089	1.4	45,831	37,911	39,337	37,158	1.4
Cherries	4,457	.3	9,972	14,377	7,847	3,758	.1
Pears	2,891	.2	3,756	3,189	4,400	3,684	.1
Strawberries	4,899	.3	5,819	7,709	5,921	5,067	.2
Peaches	2,222	.1	2,886	1,421	2,985	2,053	.1
Other fruit and berries	1,040	.1	1,248	1,529	1,790	1,583	.1
ALL OTHER CROPS 2/	105,305	6.1	110,632	111,677	135,314	139,174	5.2
Greenhouse and nursery	87,380	5.1	100,610	101,177	125,477	128,300	4.8
Maple	3,330	.2	3,720	3,917	3,397	5,486	.2
Mushrooms	6,273	.4	6,302	6,583	6,440	5,388	.2
Forest products 2/	8,322	.5					
ALL CROPS	520,337	30.2	568,473	624,200	703,856	802,284	30.0
ALL COMMODITIES 2/	1,722,076	100.0	1,915,517	2,234,486	2,480,403	2,675,449	100.0

1987 RECEIPTS ARE EXPECTED TO DECLINE 2 PERCENT

Preliminary estimates of cash receipts for all farm products in1987 totaled $2.48 billion, down 2 percent from 1986. All livestock and poultry products, at $1.77 billion, were down 2.4 percent while crop receipts declined less than 1 percent.

Livestock, poultry and their products accounted for 71.1 percent of all cash farm receipts in 1987, the same as in 1986. Cash receipts for individual commodities will be released in the fall of 1988.

Table 4. CASH RECEIPTS: Farm Marketings by Commodities, New York, 1977-1986
(Continued)

	1982	1983	1984	1985	1986	
			Thousand dollars			% of Total
LIVESTOCK AND PRODUCTS	1,854,532	1,918,213	1,921,201	1,847,162	1,808,517	71.4
Dairy products	1,494,044	1,565,968	1,518,069	1,477,708	1,456,098	57.5
Cattle and calves	143,058	142,760	163,810	149,622	147,893	5.8
Eggs	85,470	82,896	100,300	79,515	74,881	3.0
Hogs	22,265	16,563	17,749	14,667	14,508	.6
Ducks	13,275	14,130	14,112	13,770	13,668	.5
Chickens, excluding broilers	2,134	2,341	3,649	3,023	1,906	.1
Turkeys	2,580	2,732	2,779	2,817	2,778	.1
Sheep and wool	1,609	1,888	2,096	2,162	1,830	.1
Broilers	686	778	1,032	2,426	3,240	.1
Other livestock and poultry	89,411	88,157	97,605	101,452	91,715	3.6
FIELD CROPS	232,853	216,262	201,800	218,178	192,738	7.6
Potatoes	52,966	64,825	62,347	47,777	54,336	2.2
Hay	35,988	38,886	42,508	32,109	30,104	1.2
Corn	100,401	67,511	49,981	91,997	71,191	2.8
Dry beans	8,315	6,240	6,771	7,663	8,347	.3
Wheat	17,765	23,975	23,571	24,306	16,307	.6
Oats	10,915	6,400	8,157	7,613	5,338	.2
Other field and seed crops	6,503	8,425	8,555	6,713	7,115	.3
VEGETABLE CROPS	205,855	190,778	227,607	189,678	202,428	8.0
Onions	57,529	42,957	53,590	41,932	54,906	2.2
Snap beans	25,086	24,986	22,381	22,963	16,604	.7
Cabbage	24,334	27,323	49,109	24,925	31,273	1.2
Tomatoes 1/	11,718	7,296	9,306	10,662	8,551	.3
Lettuce	11,172	12,090	11,997	9,412	8,432	.3
Sweet corn	27,683	28,590	33,891	27,339	31,653	1.2
Cauliflower	8,729	9,971	11,677	9,369	10,108	.4
Celery	3,640	4,126	3,090	2,841	3,146	.1
Cucumbers 1/	4,735	4,784	4,469	5,851	4,993	.2
Carrots	4,555	3,761	3,305	5,247	7,266	.3
Beets	2,667	1,501	1,579	1,683	1,442	.1
Green peas	4,279	3,933	4,542	8,564	4,524	.2
Other vegetables	19,728	19,460	18,671	18,890	19,530	.8
FRUIT CROPS	163,651	136,486	134,240	137,403	124,185	4.9
Apples	106,404	70,675	75,898	93,204	70,757	2.8
Grapes	36,699	36,449	33,843	21,156	32,898	1.3
Cherries	5,020	12,250	6,873	6,765	4,178	.2
Pears	3,783	5,100	4,568	3,870	3,773	.1
Strawberries	6,638	6,251	8,369	7,493	7,626	.3
Peaches	3,351	3,874	3,011	3,252	3,308	.1
Other fruit and berries	1,756	1,887	1,678	1,663	1,645	.1
ALL OTHER CROPS	128,772	143,283	170,931	185,186	205,144	8.1
Greenhouse and nursery	119,300	137,200	163,400	178,100	198,770	7.8
Maple	5,536	3,995	5,611	5,387	4,847	.2
Mushrooms	3,936	2,088	1,920	1,699	1,527	.1
ALL CROPS	731,131	686,809	734,578	730,445	724,495	28.6
ALL COMMODITIES	2,585,663	2,605,022	2,655,779	2,577,607	2,533,012	100.0

1/ Fresh only. Processing included with other vegetables.
2/ Beginning with 1978 value of forest products sold is excluded from cash receipts but included in other farm income.

Table 5. NEW YORK'S RANK IN THE NATION'S AGRICULTURE - 1987

Item	1st	2nd	3rd	4th	5th	N.Y. Rank
FIELD CROPS						
Corn for silage	Wis.	**N.Y.**	Pa.	Calif.	Minn.	2
Corn for grain	Iowa	Ill.	Nebr.	Minn.	Ind.	17
Oats	S. Dak.	Minn.	Wis.	N. Dak.	Iowa	11
Winter wheat	Kansas	Okla.	Wash.	Texas	Colo.	34
Potatoes	Idaho	Wash.	Ore.	Maine	N. Dak.	11
Dry beans	Mich..	N. Dak.	Nebr.	Calif.	Idaho	10
Alfalfa hay	Wis.	Calif.	Minn.	Iowa.	S. Dak.	15
Other hay	Texas	Mo.	Ky.	Okla.	Kansas	6
All hay	Calif.	Wis.	Texas	Minn.	S. Dak.	10
FRUIT						
Apples	Wash.	Mich.	**N.Y.**	Calif.	Pa.	3
Cherries, sweet	Wash.	Ore.	Calif.	Mich.	Mont.	8
Cherries, tart	Mich.	**N.Y.**	Utah	Wis.	Ore.	2
Peaches	Calif.	S.C.	Ga.	Pa.	N.J.	15
Pears	Calif.	Wash.	Ore.	**N.Y.**	Colo.	4
Grapes	Calif.	Wash.	**N.Y.**	Pa.	Mich.	3
VEGETABLES, FRESH MARKET						
Carrots	Calif.	Wash.	Texas	Mich.	Wis.	8
Cauliflower	Calif.	Ariz.	Ore.	**N.Y.**	Texas	4
Celery	Calif.	Fla.	Mich.	**N.Y.**	Ohio	4
Lettuce	Calif.	Ariz.	Fla.	Colo.	N. Mex.	6
Onions	Calif.	Ore.	Colo.	Idaho	Texas	6
Strawberries	Calif.	Fla.	Ore.	Wash.	**N.Y.**	5
Sweet corn	Fla.	**N.Y.**	Calif.	Ohio	N.J.	2
Tomatoes	Fla.	Calif.	S.C.	Tenn.	Pa.	12
VEGETABLES, PROCESSING						
Green peas	Wis.	Minn.	Wash.	Ore.	**N.Y.**	5
Snap beans	Wis.	Ore.	**N.Y.**	Mich.	Ind.	3
Sweet corn	Wis.	Minn.	Wash.	Ore.	**N.Y.**	5
LIVESTOCK PRODUCTS						
Milk production	Wis.	Calif.	**N.Y.**	Minn.	Pa.	3
Cattle and calves 1/	Texas	Nebr.	Kansas	Iowa	Colo.	32
Egg production	Calif.	Ind.	Pa.	Ga.	Ohio	20
Chickens *(excluding broilers)* 1/	N.C.	Pa.	Ga.	Ark.	Calif.	13
Hogs and pigs 1/	Iowa	Ill.	Minn.	Ind.	Nebr.	32
Sheep and lambs	Calif.	Texas	S. Dak.	Colo.	Wyo.	29
DAIRY PRODUCTS						
Total American cheese	Wis.	Minn.	Calif.	Iowa	Idaho	6
Total Italian cheese	Wis.	**N.Y.**	Calif.	Pa.	S. Dak.	2
Total Cheese, excluding Cottage	Wis.	Minn.	**N.Y.**	Calif.	Iowa	3
Creamed Cottage cheese	**N.Y.**	Calif.	Ill.	Ohio	Pa.	1
Lowfat Cottage cheese	Calif.	**N.Y.**	Ohio	Wash.	Wis.	2
Butter	Wis.	Calif.	Minn.	Wash.	Pa.	7
Unsweetened condensed skim milk	Calif.	Wis.	Mich.	Ohio	**N.Y.**	5
Nonfat dry milk	Calif.	Minn.	Iowa	Mich.	Wis.	6
Ice cream	Calif.	Pa.	Texas	Mass.	**N.Y.**	5
Ice milk	Calif.	Ill.	Texas	Pa.	Fla.	8
Water ices	**N.Y.**	Wis.	Calif.	Iowa	Pa.	1
GENERAL CHARACTERISTICS						
Number of farms	Texas	Mo.	Iowa	Ky.	Tenn.	23
Land in farms	Texas	Mont.	Kansas	Nebr.	N. Mex.	36
Total cash farm receipts	Calif.	Texas	Iowa	Nebr.	Ill.	21

1/ Pounds sold in 1987.

Table 6. NEW YORK HIGHS AND LOWS

Item	Unit	Record High		Record Low		Year Record Started
		Quantity	Year	Quantity	Year	
FIELD CORN						
All Harvested	Acres	1,440,000	1981	560,000	1930	1866
Grain Harvested	Acres	830,000	1981	97,000	1928	1919
Grain Production	Bushels	77,190,000	1981	3,298,000	1928	1919
Silage Harvested	Acres	682,000	1978	300,000	1919	1919
Silage Production	Tons	9,207,000	1978	2,754,000	1925	1919
OATS						
Grain Harvested	Acres	1,430,000	1896	180,000	1984	1866
Grain Production	Bushels	54,800,000	1902	9,112,000	1943	1866
WHEAT						
Grain Harvested	Acres	790,000	1880	75,000	1978	1866
Grain Production	Bushels	15,200,000	1878	2,625,000	1978	1866
HAY (Dry)						
All Harvested	Acres	5,067,000	1924	2,230,000	1985	1924
All Production	Tons	6,914,000	1916	4,032,000	1934	1914
Alfalfa Harvested	Acres	1,324,000	1966	185,000	1928	1924
Alfalfa Production	Tons	3,111,000	1966	357,000	1926	1924
POTATOES						
Harvested	Acres	435,000	1904	31,400	1986	1866
Production	Cwt.	29,077,000	1909	7,825,000	1986	1866
DRY BEANS						
Harvested	Acres	250,000	1917	25,000	1983	1909
Production	Cwt.	2,070,000	1948	255,000	1983	1909
ONIONS						
Harvested	Acres	16,400	1965	5,830	1928	1918
Production	Cwt.	5,412,000	1965	729,000	1928	1918
SWEET CORN						
Harvested	Acres	58,100	1985	27,300	1933	1929
Production	Cwt.	5,955,000	1987	897,000	1933	1929
APPLES						
Production	Bushels	54,178,000	1896	2,160,000	1945	1889
GRAPES						
Production	Tons	198,000	1984	29,300	1918	1909
MAPLE SYRUP	Gallons	1,304,000	1918	225,000	1973	1916
CATTLE						
All Cattle and Calves	Head	2,596,000	1879	1,702,000	1988	1867
Beef Cows	Head	130,000	1976	5,000	1936	1920
Milk Cows	Head	1,540,000	1905	844,000	1988	1867
Milk Production	Mil. Lbs.	11,731	1985	6,874	1935	1924
OTHER LIVESTOCK						
All Hogs and Pigs	Head	840,000	1897	68,000	1966	1867
All Stock Sheep and Lambs	Head	4,090,000	1867	55,000	1986	1867
POULTRY						
Hens and Pullets of Laying Age	Head	17,475,000	1944	4,300,000	1987	1924
Egg Production	Millions	2,414	1944	1,115	1987	1924
Broilers Produced	Head	14,618,000	1956	500,000	1977	1934
Turkeys Raised	Head	1,059,000	1954	138,000	1977	1929

Table 7. CROP SUMMARY: Field Crops, Vegetables, Fruits and Other Crops, 1987

Crop	Acres harvested	Yield per acre	Unit of production	Total production	Price per unit	Value of production
	Acres			1,000	Dollars	1,000 dollars
ALL CROPS 1/	3,846,740					1,069,724
FIELD CROPS 1/	3,596,400					736,944
Wheat	80,000	47.0	bu.	3,760	2.50	9,400
Oats	200,000	60.0	bu.	12,000	1.50	18,000
Rye	10,000	30.0	bu.	300	2.20	660
Soybeans	26,000	32.0	bu.	832	5.25	4,368
Corn for grain	510,000	109.0	bu.	55,590	1.85	102,842
Corn for silage	480,000	15.0	ton	7,200	22.70	163,440
Hay, all	2,230,000	2.36	ton	5,269	73.00	384,637
Alfalfa hay	930,000	2.80	ton	2,604	6/	6/
Other hay	1,300,000	2.05	ton	2,665	6/	6/
Potatoes	32,400	250	cwt.	8,100	5.73	46,415
Dry beans	28,000	15.0	cwt.	420	17.10	7,182
VEGETABLES 1/	138,790					195,065
Beets, processing	2,300	15.80	ton	36,340	46.20	1,679
Cabbage, fresh	9,100	378	cwt.	2/3,442	10.29	3/32,062
Cabbage, processing	2,300	29.57	ton.	68,000	34.10	2,319
Carrots, fresh and proc.	1,200	360	cwt.	432	12.90	5,555
Cauliflower, fresh and proc.	3,100	100	cwt.	318	26.10	8,299
Celery, fresh	490	410	cwt.	201	17.70	3,558
Cucumbers, fresh	3,100	125	cwt.	388	15.45	5,995
Green peas, processing	9,900	1.64	ton	16,240	261.00	4,239
Lettuce, fresh	3,400	200	cwt.	680	14.90	10,132
Onions, fresh and proc.	11,600	270	cwt.	2/3,132	19.10	3/51,680
Snap beans, fresh	3,700	47	cwt.	174	32.60	5,672
Snap beans, processing	28,600	2.47	ton	70,640	165.00	11,656
Strawberries, fresh and proc.	2,800	57	cwt.	160	56.90	9,104
Sweet corn, fresh	27,200	77	cwt.	2,094	10.40	21,778
Sweet corn, processing	27,900	6.92	ton	193,070	57.00	11,005
Tomatoes, fresh	2,100	150	cwt.	315	32.80	10,332
	Acres of Bearing Age	Pounds Per Acre		In Unit Indicated 4/	Cents/lb.	
FRUIT 1/	111,550					131,198
Apples 5/	64,400	13,700	mil. lbs.	880.0	9.2	80,560
Peaches	2,100	6,810	mil. lbs.	13.8	21.5	2,971
Tart cherries	5,300	6,600	mil. lbs.	24.4	9.5	2,318
					Dollars/ton	
Pears	2,900	10,340	1,000 tons	14.5	259.00	3,758
Sweet cherries	850	3,520	1,000 tons	1.25	839.00	1,049
Grapes	36,000	9,880	1,000 tons	178	228.00	40,542
OTHER CROPS 1/						
Mushrooms	6/	6/	1,000 lb.	1,589	80.2 ¢/lb.	1,274
Maple syrup	6/	6/	1,000 gal.	225	23.30 $/gal.	5,243

1/ Category totals of acres harvested and value of production include only the crops listed and exclude crops for which annual estimates are not available.
2/ Quantity sold: cabbage, 3,117,000 cwt.; onions, 2,708,000 cwt.
3/ Value of sales.
4/ Utilized production.
5/ Price and value is packinghouse door equivalent.
6/ Not available or applicable.

CROPS

FIELD CROPS

Mild spring weather and dry soils enabled producers to get off to an early start with their spring fieldwork. Oat seeding was ahead of normal and hay and pastures had wintered well. Dry weather lead to peak field activity in mid-May and corn and oat seeding continued strong. Hay and haylage harvest began late in the month with first cutting yields a bit light. Generally soil moisture was short across the state.

Much needed rain in early June helped seed germination and plant growth. Corn planting was nearing completion by mid-month. By late June all crops were doing well and the warm temperatures helped corn grow rapidly. Hay making was running well ahead of normal.

Plentiful rain in early July delayed fieldwork but helped spur crop growth and development. Wheat harvest began mid-month though hay harvest was slowed by frequent showers. Corn continued to grow rapidly with the hot, humid conditions. Corn had tasselled and silking had begun by late July. Producers were harvesting second cutting hay.

Sharply cooler temperatures as August approached allowed producers to catch up on hay making and crop spraying. Dry beans were in bloom and harvest of early variety potatoes was well underway. Wheat harvest was virtually complete by mid-month and oat harvest was well ahead of normal.

Corn silage harvest had begun by early September. Oat harvest was nearing completion and potato digging was in full swing. Soil moisture was rated surplus to excessive in most areas at month's end.

Concerns over crop quality mounted in early October as rains continued to delay harvest. In addition, a freak snow storm in eastern New York damaged hay and corn acreage with crop losses in the area estimated at between 15 to 100 percent.

By mid-October sunny weather and warm temperatures returned, allowing producers to make gains in harvest progress. Potato digging neared completion and dry bean harvest was finally making headway. Grain corn harvest advanced with record breaking yields and silage corn harvest was winding down. Harvest of third cutting alfalfa hay was complete by months' end and the harvest of most other crops was equal to or ahead of schedule.

Table 8. FIELD CROPS: Acreage, Yield, Production, and Value, 1978-1987

Crop Year	Planted	Harvested	Yield per acre	Production	Mkting. year wtd. average price 1/	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars per bu.	1,000 dollars
WHEAT						
1978	86	75	35.0	2,625	3.35	8,794
1979	170	160	41.0	6,560	3.77	24,731
1980	160	150	40.0	6,000	3.95	23,700
1981	170	160	44.0	7,040	3.20	22,528
1982	145	125	43.5	5,438	3.30	17,945
1983	175	160	46.0	7,360	3.30	24,288
1984	180	170	46.0	7,820	3.25	25,415
1985	155	145	58.0	8,410	2.80	23,548
1986	165	155	49.0	7,595	2.25	17,089
1987	90	80	47.0	3,760	2.50	9,400
OATS						
1978	350	300	59.0	17,700	1.34	23,718
1979	330	290	62.0	17,980	1.47	26,431
1980	320	280	64.0	17,920	1.99	35,661
1981	325	280	64.0	17,920	1.90	34,048
1982	320	280	65.0	18,200	1.57	28,574
1983	260	200	57.0	11,400	1.94	22,116
1984	230	180	59.0	10,620	1.95	20,709
1985	270	230	77.0	17,710	1.09	19,304
1986	230	190	68.0	12,920	1.15	14,858
1987	250	200	60.0	12,000	1.50	18,000
RYE						
1978	105	9.0	31.0	279	3.00	837
1979	107	10.0	32.0	320	2.50	800
1980	98	9.0	32.0	288	2.75	792
1981	100	9.0	32.0	288	4.00	1,152
1982	100	11.0	31.0	341	3.70	1,262
1983	106	13.0	32.0	416	3.00	1,248
1984	105	13.0	33.0	429	2.85	1,223
1985	110	12.0	35.0	420	2.70	1,134
1986	105	13.0	33.0	429	2.20	944
1987	90	10.0	30.0	300	2.20	660
SOYBEANS						
1978	25	24.0	23.0	552	6.36	3,511
1979	26	25.0	26.0	650	5.93	3,855
1980	20	19.0	24.0	456	7.50	3,420
1981	21	20.0	27.0	540	6.45	3,483
1982	23	22.0	26.0	572	5.50	3,146
1983	22	22.0	25.0	550	7.30	4,015
1984	22	21.0	28.0	588	5.45	3,205
1985	20	19.5	26.0	507	4.70	2,383
1986	24	23.0	31.0	713	4.70	3,351
1987	28	26.0	32.0	832	5.25	4,368
DRY BEANS 2/			Lbs.	1,000 cwt.	Dollars per cwt.	
1978	45	42.0	1,020	428	17.90	7,661
1979	42	40.0	1,150	460	23.10	10,626
1980	51	48.0	1,280	614	26.50	16,271
1981	51	47.0	1,230	578	17.50	10,115
1982	50	49.0	1,400	686	11.50	7,889
1983	26	25.0	1,020	255	24.20	6,171
1984	32	31.0	1,200	372	20.70	7,700
1985	35	33.0	900	297	19.10	5,673
1986	33	31.0	1,400	434	19.50	8,463
1987	29	28.0	1,500	420	17.10	7,182

1/ Prior to 1979 price includes an allowance for unredeemed loans and purchases by the government.
2/ Production by major varieties is shown on page 20.

Table 8. FIELD CROPS: Acreage, Yield, Production, and Value, 1978-1987 *(Continued)*

Crop Year	Planted 1/	Harvested	Yield per acre	Production	Mkting. year wtd. average price 2/	Value of production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars per bu.	1,000 dollars
CORN FOR GRAIN						
1978	1,300	600	86.0	51,600	2.44	125,904
1979	1,300	650	92.0	59,800	2.75	164,450
1980	1,350	730	93.0	67,890	3.50	237,615
1981	1,460	830	93.0	77,190	2.66	205,325
1982	1,410	765	92.0	70,380	2.95	207,621
1983	1,200	600	90.0	54,000	3.54	191,160
1984	1,350	670	91.0	60,970	2.85	173,765
1985	1,380	720	95.0	68,400	2.45	167,580
1986	1,220	620	99.0	61,380	1.76	108,029
1987	1,010	510	109.0	55,590	1.85	102,842
CORN SILAGE			Tons	1,000 tons	Dollars per ton	
1978	-	682	13.5	9,207	19.40	178,616
1979	-	625	13.5	8,438	21.10	178,021
1980	-	600	14.5	8,700	21.20	184,440
1981	-	600	14.5	8,700	22.00	191,400
1982	-	630	13.5	8,505	22.50	191,363
1983	-	590	13.5	7,965	24.70	196,736
1984	-	665	13.5	8,978	24.60	220,859
1985	-	640	14.0	8,960	22.70	203,392
1986	-	570	14.0	7,980	21.90	174,762
1987	-	480	15.0	7,200	22.70	163,440
ALFALFA HAY						
1978	-	1,025	2.55	2,614	-	-
1979	-	1,040	2.75	2,860	-	-
1980	-	1,030	2.90	2,987	-	-
1981	-	990	2.70	2,673	-	-
1982	-	975	2.70	2,633	-	-
1983	-	930	2.80	2,604	-	-
1984	-	940	2.90	2,726	-	-
1985	-	930	2.80	2,604	-	-
1986	-	925	2.85	2,636	-	-
1987	-	930	2.80	2,604	-	-
OTHER HAY						
1978	-	1,450	1.85	2,683	-	-
1979	-	1,410	1.90	2,679	-	-
1980	-	1,400	2.00	2,800	-	-
1981	-	1,300	2.00	2,600	-	-
1982	-	1,325	2.00	2,650	-	-
1983	-	1,340	2.00	2,680	-	-
1984	-	1,320	2.00	2,640	-	-
1985	-	1,300	2.05	2,665	-	-
1986	-	1,320	2.10	2,772	-	-
1987	-	1,300	2.05	2,665	-	-
ALL HAY						
1978	-	2,475	2.14	5,297	57.50	304,578
1979	-	2,450	2.26	5,539	52.50	290,798
1980	-	2,430	2.38	5,787	58.00	335,646
1981	-	2,290	2.30	5,273	69.00	363,837
1982	-	2,300	2.30	5,283	77.00	406,791
1983	-	2,270	2.33	5,284	82.00	433,288
1984	-	2,260	2.37	5,366	81.50	437,329
1985	-	2,230	2.36	5,269	75.50	397,810
1986	-	2,245	2.41	5,408	70.50	381,264
1987	-	2,230	2.36	5,269	73.00	384,637

1/ Complete utilization of corn acreage planted is shown on page 20. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

2/ Prior to 1979 price includes an allowance for unredeemed loans and purchases by the government.

Table 9. POTATOES: Acreage, Yield, Production, Disposition, Sales, and Value, 1978-1987

Crop Year	Planted	Harvested	Yield per acre	Production	Used for feed and seed on farms where grown 1/	Sold	Mkting. year wtd. average price	Value	
								Production	Sales
	Acres	Acres	Cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	1,000 Dollars	1,000 Dollars
LONG ISLAND									
1978	23,500	23,300	265	6,175	505	5,670	3.99	24,638	22,623
1979	22,000	21,800	295	6,431	463	5,968	3.65	23,473	21,783
1980	19,000	18,800	255	4,794	297	4,497	10.00	47,940	44,970
1981	18,500	18,500	290	5,365	285	5,080	6.05	32,458	30,734
1982	19,300	19,000	270	5,130	300	4,830	4.20	21,546	20,286
1983	16,500	16,300	250	4,075	130	3,945	8.00	32,600	31,560
1984	13,600	13,500	265	3,577	167	3,410	5.40	19,316	18,414
1985	13,000	12,900	300	3,870	325	3,545	2.90	11,223	10,281
1986	9,000	8,900	285	2,537	147	2,390	7.10	18,013	16,969
1987	9,000	8,900	250	2,225	2/	2/	5.15	11,459	2/
UPSTATE									
1978	26,000	25,000	260	6,500	795	5,705	4.99	32,435	28,468
1979	25,500	23,500	275	6,463	737	5,726	4.65	30,053	26,626
1980	26,000	25,000	250	6,250	640	5,610	7.95	49,688	44,600
1981	26,500	25,000	275	6,875	815	6,060	6.20	42,625	37,572
1982	26,000	25,000	260	6,500	675	5,825	5.45	35,425	31,746
1983	25,500	24,500	230	5,635	605	5,030	7.75	43,671	38,983
1984	26,000	25,500	260	6,630	990	5,640	6.30	41,769	35,532
1985	26,000	25,500	250	6,375	775	5,600	4.45	28,369	24,920
1986	24,000	22,500	235	5,268	448	4,840	7.80	41,246	37,752
1987	24,000	23,500	250	5,875	2/	2/	5.95	34,956	2/
STATE TOTAL									
1978	49,500	48,300	262	12,675	1,300	11,375	4.49	57,073	51,091
1979	47,500	45,300	285	12,894	1,200	11,694	4.14	53,526	48,409
1980	45,000	43,800	252	11,044	937	10,017	8.85	97,628	89,570
1981	45,000	43,500	281	12,240	1,100	11,140	6.15	75,083	68,306
1982	45,300	44,000	264	11,630	975	10,655	4.90	56,971	52,032
1983	42,000	40,800	238	9,710	735	8,975	7.85	76,271	70,543
1984	39,600	39,000	262	10,207	1,157	9,050	5.95	61,085	53,946
1985	39,000	38,400	267	10,245	1,100	9,145	3.85	39,592	35,201
1986	33,000	31,400	249	7,825	595	7,230	7.55	59,259	54,721
1987	33,000	32,400	250	8,100	2/	2/	5.70	46,415	2/

1/ Include shrinkage during storage.
2/ Available September 25, 1988.

Table 10. POTATOES: Stock Held by Growers and Local Dealers, 1978-1987 1/

Crop Year	December 1	January 1	February 1	March 1	April 1	May 1
			1,000 cwt.			
LONG ISLAND						
1978	3,000	2,250	1,200	600	200	80
1979	3,300	2,400	1,500	1,000	450	85
1980	1,850	1,400	900	500	2/	2/
1981	1,860	1,250	750	350	2/	2/
1982	2,600	1,800	1,000	550	280	2/
1983	1,550	1,200	800	450	250	2/
1984	1,550	1,100	700	400	150	2/
1985	2,000	1,450	1,000	600	300	2/
1986	800	550	350	2/	2/	2/
1987	750	450	225	2/	2/	2/
UPSTATE						
1978	3,300	2,400	1,800	1,200	700	300
1979	3,200	2,500	1,400	800	400	120
1980	3,100	2,150	1,300	800	290	155
1981	3,900	2,550	1,650	1,100	650	300
1982	3,800	3,000	2,250	1,700	1,050	500
1983	3,100	2,600	1,900	1,400	700	350
1984	3,100	2,700	2,000	1,400	900	400
1985	3,700	2,700	2,000	1,400	800	250
1986	2,500	2,000	1,300	750	300	100
1987	2,800	2,000	1,700	1,000	500	2/
STATE TOTAL						
1978	6,300	4,650	3,000	1,800	900	380
1979	6,500	4,900	2,900	1,800	850	205
1980	4,950	3,550	2,200	1,300	2/	2/
1981	5,760	3,800	2,400	1,450	2/	2/
1982	6,400	4,800	3,250	2,300	1,330	2/
1983	4,650	3,800	2,700	1,850	950	2/
1984	4,650	3,800	2,700	1,800	1,050	2/
1985	5,700	4,150	3,000	1,700	1,100	2/
1986	3,300	2,550	1,650	2/	2/	2/
1987	3,550	2,450	1,925	2/	2/	2/

1/ Total stocks consisting of production less total disappearance to date. Disappearance includes all sales for all purposes, all potatoes eaten or fed on farms where produced and all losses to date through shrinkage, decay, dumping, etc.
2/ Not published to avoid disclosure of individual operations.

Table 11. DRY BEANS: Harvested Acres and Production, by Class, 1978-1987

Crop Year	Red Kidney		Turtle Soup		Other		Total	
	Harvested acres	Production	Harvested acres	Production	Harvested acres	Production	Harvested acres	Production
	Acres	1,000 cwt.	Acres	1,000 cwt.	Acres	1,000 cwt.	Acres	1,000 cwt.
1978	31,500	315	8,000	88	2,500	25	42,000	428
1979	28,000	314	10,000	123	2,000	23	40,000	460
1980	28,000	348	18,000	241	2,000	25	48,000	614
1981	25,000	293	19,500	254	2,500	31	47,000	578
1982	35,500	497	8,500	119	5,000	70	49,000	686
1983	21,500	215	1,500	18	2,000	22	25,000	255
1984	22,000	261	6,000	75	3,000	36	31,000	372
1985	22,600	205	8,000	72	2,400	20	33,000	297
1986	23,000	311	6,000	97	2,000	26	31,000	434
1987	20,000	298	5,700	91	2,300	31	29,000	420

Table 12. CORN: Acreage Utilization, 1978-1987

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and Abandoned
		1,000 acres					
1978	1,300	600				682	18
1979	1,300	650				625	15
1980	1,350	730	1/	1/	1/	600	20
1981	1,460	830	565	200	65	600	30
1982	1,410	765	520	170	75	630	20
1983	1,200	600	366	156	78	590	10
1984	1,350	670	405	175	90	665	15
1985	1,380	720	455	175	90	640	20
1986	1,220	620	380	175	65	570	30
1987	1,010	510	310	140	60	480	20

1/ Data not available prior to 1981.

Table 13. FEED GRAIN: Production and Quantities Fed, 1978-1987

Year	Quantity Produced	Quantity Fed	Quantity of Deficit
	1,000 tons		
1978	1,738	2,514	776
1979	1,975	2,526	551
1980	2,199	2,527	328
1981	2,459	2,580	121
1982	2,273	2,613	340
1983	1,719	2,618	899
1984	1,911	2,549	638
1985	2,229	2,600	371
1986 1/	1,950	2,493	543
1987	1,770	2,345	575

1/ Revised.

FEED GRAIN DEFICIT GROWING

Feed grain production in New York during 1987 was down nine percent from a year earlier because of short falls in corn, oats, and barley output. During the same annual period, a seven percent decline in grain consuming animal units was partly offset by a slightly higher amount of grain fed per animal unit. As a result, the State's feed grain deficit grew again this year for the second consecutive year after two years of declines.

During the early 1970's nearly two million tons of feed grain were being brought into New York annually to meet the feeding requirements of the State's livestock and poultry industry. By the end of the decade, the deficit had dwindled to just over half a million tons. During 1981, feed grain production was at a record high and the deficit fell to an all time low of 121 thousand tons. The quantity produced during 1987 met only 75 percent of the feeding requirements so 575 thousand tons had to be brought in.

VEGETABLES

The value of New York State vegetable production totaled $195 million in 1987. This was 3 percent above 1986 but still 13 percent above 1985. The State's principal vegetable crops grown for fresh market sales were valued at $164 million, up 1 percent from 1986. This, however, was 21 percent more than in 1985. The value of the Empire State's principal processing vegetables totaled $30.9 million in 1987. This was up 17 percent from 1986 but still 18 percent less than 2 years ago.

Production from New York's principal fresh market vegetables amounted to 11.3 million hundredweight, 2 percent above 1986 but 5 percent below 1985. Production from the 5 principal processing vegetable crops totaled 384 thousand tons, 28 percent above the 300 thousand tons produced in 1986 and 8 percent above the 356 thousand tons produced in 1985.

Table 14. PRINCIPAL VEGETABLES FOR FRESH MARKET 1/

Year	Planted	Harvested	Production	Value
	---1,000 acres---		1,000 cwt.	Million dollars
1978	69.2	64.9	11,450	108.5
1979	71.4	67.9	12,277	107.3
1980	73.5	69.8	11,859	156.5
1981	75.2	72.2	11,480	155.9
1982	74.6	71.9	13,143	131.5
1983	74.5	71.0	10,696	173.6
1984	76.9	73.7	12,148	139.7
1985	76.5	72.9	11,859	135.7
1986	72.1	67.4	11,030	162.3
1987	73.0	67.8	11,336	164.2

1/ Includes processing totals for dual usage crops (carrots and cauliflower).

Table 15. PRINCIPAL VEGETABLES FOR PROCESSING 1/

Year	Planted	Harvested	Production	Value
	---1,000 acres---		1,000 tons	Million dollars
1978	90.0	85.7	370.0	28.0
1979	86.1	80.7	390.7	30.3
1980	80.8	76.6	358.1	31.6
1981	78.4	74.5	355.6	33.7
1982	78.1	75.7	388.0	36.1
1983	77.3	73.8	318.3	31.7
1984	80.2	75.6	369.3	33.8
1985	83.7	80.5	355.9	37.6
1986	67.7	65.6	299.5	26.5
1987	74.0	71.0	384.3	30.9

1/ Includes snap beans, beets,cabbage for kraut, sweet corn, and green peas.

Table 16. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1978-1987

Crop and Year	Planted	Harvested	Yield per acre	Production	Mkting. year wtd. average price	Value
	Acres	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars
CARROTS 1/						
1978	1,300	1,200	300	360	4.76	1,714
1979	1,200	1,100	290	319	4.55	1,451
1980	1,100	1,000	365	365	8.56	3,123
1981	1,200	1,100	355	391	9.58	3,747
1982	1,700	1,600	330	528	8.63	4,555
1983	1,700	1,600	325	520	7.20	3,761
1984	1,700	1,600	355	568	5.82	3,305
1985	1,500	1,400	385	539	9.73	5,247
1986	1,500	1,400	400	560	13.00	7,266
1987	1,200	1,200	360	432	12.90	5,555
CAULIFLOWER 1/ 2/						
Long Island						
1978	1,360	1,320	89	117	18.65	2,182
1979	1,500	1,500	90	135	18.70	2,524
1980	1,800	1,500	104	156	20.20	3,156
1981	2,000	1,900	135	257	26.00	6,682
1982	2,000	1,900	125	238	19.60	4,668
1983	2,100	1,800	120	216	29.10	6,284
1984	2,200	2,000	130	260	27.60	7,163
1985	2,100	2,000	110	220	24.50	5,379
1986	1,700	1,600	120	192	28.90	5,554
1987	1,800	1,600	100	160	25.90	4,144
Upstate						
1978	1,340	1,280	85	108	17.80	1,922
1979	1,600	1,500	102	153	15.70	2,400
1980	1,800	1,700	100	170	19.50	3,320
1981	1,900	1,700	120	204	20.10	4,100
1982	1,900	1,800	120	216	18.80	4,061
1983	1,800	1,700	105	179	20.60	3,687
1984	2,000	1,900	110	209	21.60	4,514
1985	2,000	1,900	120	228	17.50	3,990
1986	1,800	1,500	110	165	27.60	4,554
1987	1,700	1,500	105	158	26.30	4,155
State Total						
1978	2,700	2,600	87	225	18.20	4,104
1979	3,100	3,000	96	288	17.10	4,924
1980	3,600	3,200	102	326	19.90	6,476
1981	3,900	3,600	128	461	23.00	10,782
1982	3,900	3,700	123	454	19.00	8,645
1983	3,900	3,500	113	395	25.20	9,971
1984	4,200	3,900	120	469	24.90	11,677
1985	4,100	3,900	115	448	20.90	9,369
1986	4,500	3,100	115	357	28.30	10,108
1987	3,500	3,100	100	318	26.10	8,299

1/ Includes quantities used for processing.
2/ Cauliflower yield and production are in terms of "close trim" as used for cello-wrap packaging. Weight of close trim is approximately 55 percent of usual field pack.

Table 16. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1978-1987 *(Continued)*

Crop and Year	Planted	Harvested	Yield per acre	Production	Mkting year wtd. average price	Value
	Acres	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars
CELERY 1/						
1978	700	700	420	294	15.54	4,569
1979	650	600	468	281	9.03	2,537
1980	770	710	425	302	9.32	2,814
1981	680	680	465	316	13.20	4,171
1982	740	730	480	350	10.40	3,640
1983	770	730	410	299	13.80	4,126
1984	810	750	400	300	10.30	3,090
1985	610	610	405	247	11.50	2,841
1986	470	470	410	193	16.30	3,146
1987	490	490	410	201	17.70	3,558
CUCUMBERS						
1978	2,700	2,500	105	263	11.40	2,998
1979	2,900	2,700	115	311	12.10	3,763
1980	3,400	3,200	110	352	10.40	3,661
1981	3,600	3,500	115	403	14.20	5,723
1982	3,600	3,500	110	385	12.30	4,735
1983	3,200	3,100	115	357	13.40	4,784
1984	3,300	3,200	105	336	13.30	4,469
1985	3,300	3,200	115	368	15.90	5,851
1986	3,600	3,500	125	438	11.40	4,993
1987	3,200	3,100	125	388	15.45	5,995
LETTUCE						
1978	4,100	3,500	190	665	9.95	6,617
1979	4,000	3,600	195	702	12.00	8,424
1980	4,100	3,800	210	798	13.60	10,853
1981	4,100	3,800	195	741	18.10	13,412
1982	4,200	4,000	210	840	13.30	11,172
1983	4,400	4,000	195	780	15.50	12,090
1984	4,200	3,800	205	779	15.40	11,997
1985	4,100	3,700	205	759	12.40	9,412
1986	3,700	3,100	200	620	13.60	8,432
1987	3,600	3,400	200	680	14.90	10,132
SNAP BEANS						
1978	6,500	6,000	40	240	25.90	6,216
1979	6,600	6,100	39	238	27.40	6,521
1980	6,000	5,500	45	248	29.60	7,341
1981	6,300	6,100	40	244	33.10	8,076
1982	5,700	5,400	45	243	29.70	7,217
1983	5,200	5,000	47	235	39.50	9,283
1984	4,800	4,700	45	212	35.00	7,420
1985	4,300	4,200	47	197	31.40	6,186
1986	4,000	3,700	46	170	37.30	6,341
1987	4,000	3,700	47	174	32.60	5,672

1/ Includes quantities used for processing.

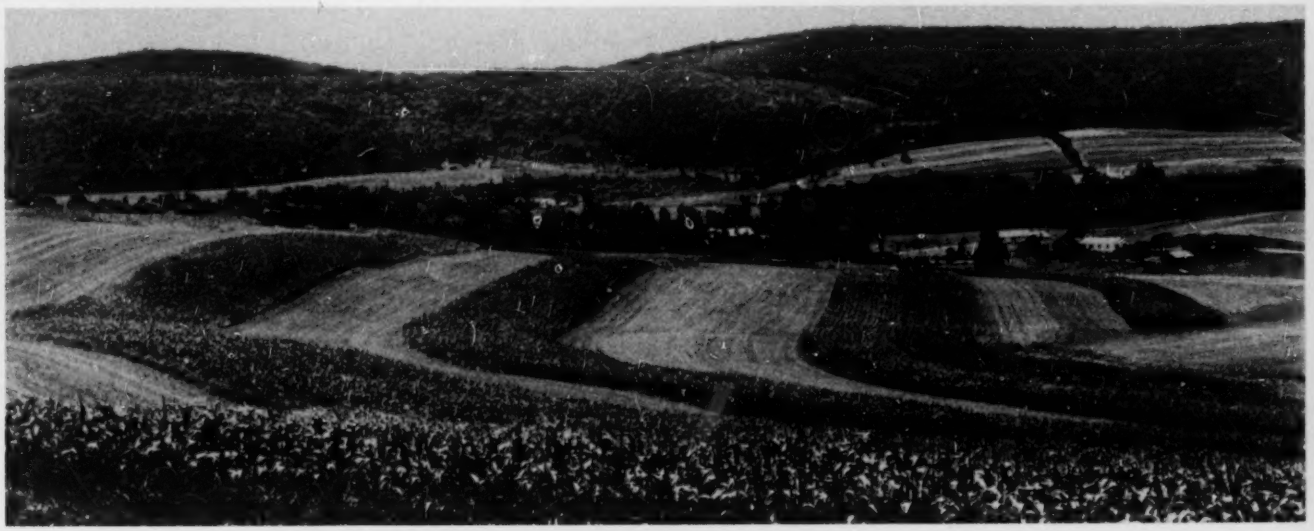


Table 16. VEGETABLES FOR FRESH MARKET: Acres, Yield, Production, and Value, 1978-1987 *(Continued)*

Crop and Year	Planted	Harvested	Yield per acre	Production	Mkting. year wtd. average price	Value
	Acres	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars
STRAWBERRIES 1/						
1978	2,300	2,200	49	108	53.90	5,819
1979	2,600	2,500	55	138	55.90	7,709
1980	2,800	2,700	53	143	41.40	5,921
1981	2,900	2,800	46	129	46.10	5,947
1982	2,900	2,800	45	126	53.10	6,691
1983	3,100	3,000	45	135	46.30	6,251
1984	3,100	3,000	51	153	54.70	8,369
1985	3,400	3,300	51	168	44.60	7,493
1986	3,400	3,300	55	182	41.90	7,626
1987	2,900	2,800	57	160	56.90	9,104
SWEET CORN						
1978	22,300	21,000	63	1,323	6.69	8,851
1979	22,700	21,700	65	1,411	8.43	11,895
1980	24,600	23,500	75	1,763	9.51	16,766
1981	25,400	24,500	71	1,740	10.80	18,792
1982	25,000	24,000	78	1,872	10.30	19,282
1983	26,700	25,300	76	1,923	10.30	19,807
1984	28,200	26,800	76	2,037	11.80	24,037
1985	30,000	28,400	67	1,903	10.30	19,601
1986	26,500	24,700	71	1,754	13.30	23,328
1987	29,200	27,200	77	2,094	10.40	21,778
TOMATOES						
1978	3,300	3,000	110	330	20.20	6,666
1979	3,300	3,000	130	390	25.40	9,906
1980	3,400	3,200	130	416	28.60	11,898
1981	3,300	3,200	135	432	27.40	11,837
1982	3,600	3,500	120	420	27.90	11,718
1983	3,400	3,200	100	320	22.80	7,296
1984	3,100	3,000	110	330	28.20	9,306
1985	3,000	2,800	140	392	27.20	10,662
1986	2,400	2,200	130	286	29.90	8,551
1987	2,300	2,100	150	315	32.80	10,332

1/ Includes small quantities processed.

Table 17. CABBAGE FOR FRESH MARKET: Acres, Yield, Production, Sales, and Value, 1978-1987

Crop Year	Planted	Harvested	Yield per acre	Production	Sales 1/	Mkting. year wtd. average price	Value of Sales
	Acres	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars
Long Island							
1978	1,400	1,300	257	334	334	6.81	2,276
1979	1,600	1,500	284	426	426	8.26	3,519
1980	1,500	1,300	242	315	315	11.00	3,452
1981	1,600	1,400	250	350	350	6.64	2,324
1982	1,300	1,200	250	300	300	8.06	2,418
1983	1,200	1,100	250	275	275	9.45	2,599
1984	1,600	1,500	245	368	368	6.25	2,300
1985	1,500	1,300	250	325	325	9.70	3,153
1986	2,100	1,900	260	494	494	16.50	8,151
1987	2,100	1,900	258	490	490	14.50	7,105
Upstate 1/							
1978	7,400	7,000	428	2,999	2,724	10.60	28,768
1979	7,800	7,500	394	2,955	2,555	4.85	12,387
1980	7,600	7,400	324	2,398	2,198	9.80	21,533
1981	7,600	7,200	325	2,340	2,145	8.25	17,696
1982	7,700	7,500	410	3,075	2,583	6.93	17,900
1983	7,300	7,200	370	2,664	2,446	18.90	46,229
1984	7,500	7,300	440	3,212	2,794	8.25	23,051
1985	7,200	6,900	370	2,553	2,305	7.20	16,596
1986	7,600	7,200	350	2,520	2,243	10.70	24,000
1987	7,600	7,200	410	2,952	2,627	9.50	24,957
State Total							
1978	8,800	8,300	402	3,333	3,058	10.20	31,044
1979	9,400	9,000	376	3,381	2,981	5.34	15,906
1980	9,100	8,700	312	2,713	2,513	9.94	24,985
1981	9,200	8,600	313	2,690	2,495	8.02	20,020
1982	9,000	8,700	388	3,375	2,883	7.02	20,318
1983	8,500	8,300	354	2,939	2,721	17.94	48,828
1984	9,100	8,800	407	3,580	3,162	8.02	25,351
1985	8,700	8,200	350	2,878	2,630	7.51	19,749
1986	9,700	9,100	331	3,014	2,737	11.75	32,151
1987	9,700	9,100	378	3,442	3,117	10.29	32,062

1/ Excludes quantities lost from shrinkage and waste.

Table 18. CABBAGE FOR FRESH MARKET: Upstate New York Production and Stocks, 1978-1987

Crop Year	Harvested production	November 15 stocks		January 1 stocks	
		Amount on hand	Percent of production	Amount on hand	Percent of production
	1,000 cwt.	1,000 cwt.	Percent	1,000 cwt.	Percent
1978	2,999	1,300	43	1,170	39
1979	2,955	1,475	50	1,280	43
1980	2,398	1,220	51	775	32
1981	2,340	1,065	46	910	39
1982	3,075	1,450	47	1,330	43
1983	2,664	1,230	46	875	33
1984	3,212	1,740	54	1,420	44
1985	2,553	1,220	48	1,330	52
1986	2,520	1,280	51	928	37
1987	2,952	1,340	45	1,164	39

Table 19. ONIONS FOR FRESH MARKET: Acres, Yield, Production, Sales, and Value, 1978-1987

Crop Year	Planted	Harvested	Yield per acre	Production	Sales 1/	Mkting. year wtd. average price	Value of Sales
	Acres	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars
1978	14,500	13,900	310	4,309	3,814	7.85	29,929
1979	14,900	14,600	330	4,818	4,360	7.85	34,245
1980	14,600	14,300	310	4,433	4,133	15.10	62,612
1981	14,600	14,300	275	3,933	3,630	14.70	53,390
1982	14,300	14,000	325	4,550	4,071	8.23	33,521
1983	13,600	13,300	210	2,793	2,449	19.40	47,444
1984	14,400	14,100	240	3,384	2,876	10.70	30,696
1985	13,500	13,200	300	3,960	3,469	11.30	39,317
1986	13,300	12,800	270	3,456	2,834	15.80	44,677
1987	12,900	11,600	270	3,132	2,708	19.10	51,680

1/ Excludes quantities lost from shrinkage and waste.

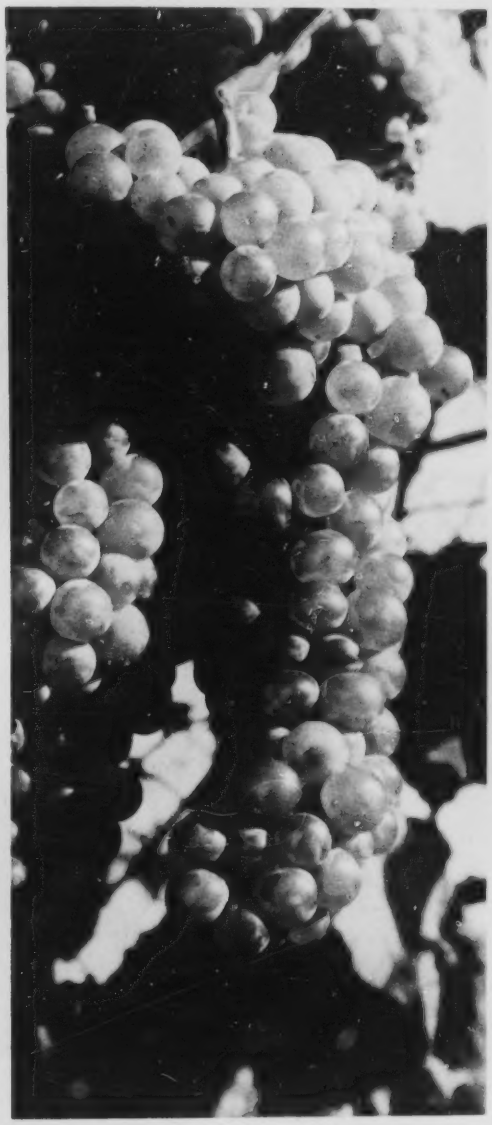
Table 20. ONIONS: Acres, Yield and Production, by Area, 1978-1987

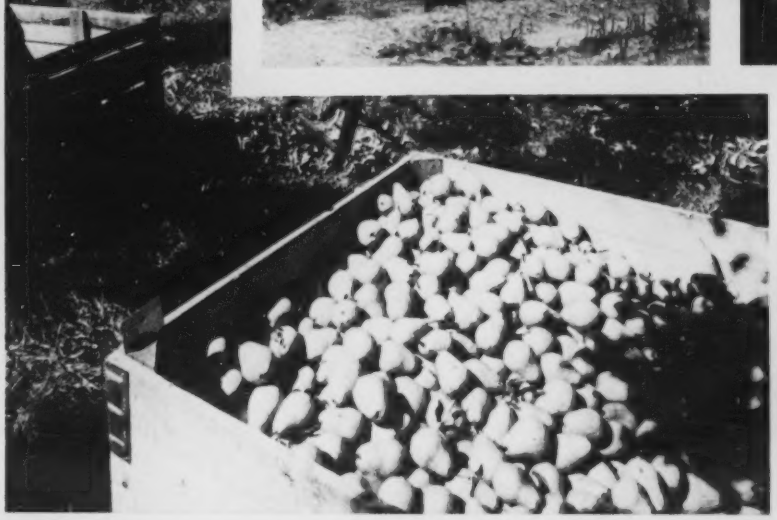
Year	Orange County	Orleans-Genesee 1/	Oswego County	Madison	Steuben-Yates-Ontario	Wayne & Other	State
HARVESTED ACRES							
1978	7,300	3,000	1,000	1,300	700	600	13,900
1979	7,500	3,250	1,250	1,300	700	600	14,600
1980	7,300	3,400	950	1,250	700	700	14,300
1981	7,700	3,100	950	1,200	750	600	14,300
1982	7,650	2,900	850	1,100	950	550	14,000
1983	7,250	2,850	850	1,000	850	500	13,300
1984	7,500	2,900	1,200	1,000	950	550	14,100
1985	7,400	2,800	1,250	750	600	400	13,200
1986	7,100	2,500	1,350	800	650	400	12,800
1987	5,600	2,750	1,500	700	600	450	11,600
YIELD PER ACRE - CWT.							
1978	315	320	350	210	343	310	310
1979	325	345	365	270	350	340	330
1980	315	310	330	260	320	309	310
1981	260	315	325	195	335	268	275
1982	330	340	360	280	295	264	325
1983	205	215	260	195	210	198	210
1984	220	240	340	200	300	264	240
1985	315	230	395	230	350	270	300
1986	280	260	290	200	280	210	270
1987	295	240	305	205	225	184	270
PRODUCTION - 1,000 CWT.							
1978	2,300	960	350	273	240	186	4,309
1979	2,441	1,121	456	251	245	204	4,818
1980	2,300	1,054	314	325	224	216	4,433
1981	2,002	976	309	234	251	161	3,933
1982	2,525	986	306	308	280	145	4,550
1983	1,486	613	221	195	179	99	2,793
1984	1,650	696	408	200	285	145	3,384
1985	2,331	644	494	173	210	108	3,960
1986	1,988	650	392	160	182	84	3,456
1987	1,652	660	458	144	135	83	3,132

1/ Includes small acreages in Livingston and Niagara Counties.

Table 21. VEGETABLES FOR PROCESSING: Acres, Yield, Production, and Value, 1978-1987

Crop and Year	Planted	Harvested	Yield per acre	Production	Mkting. year wtd. average price	Value
	Acres	Acres	Tons	Tons	Dollars per ton	1,000 dollars
BEETS						
1978	5,300	5,000	14.50	72,500	40.10	2,907
1979	5,300	5,000	15.82	79,100	37.30	2,950
1980	3,900	3,800	17.14	65,130	43.10	2,807
1981	3,300	3,200	17.85	57,120	44.10	2,519
1982	3,600	3,500	17.60	61,600	43.30	2,667
1983	2,300	2,300	14.00	32,200	46.60	1,501
1984	3,000	2,100	16.03	33,660	46.90	1,579
1985	2,400	2,300	15.94	36,660	45.90	1,683
1986	2,400	2,000	15.15	30,300	47.60	1,442
1987	2,400	2,300	15.80	36,340	46.20	1,679
CABBAGE FOR KRAUT						
1978	4,200	4,000	20.50	82,000	29.90	2,452
1979	3,700	3,400	25.20	85,680	29.60	2,536
1980	3,700	3,400	24.65	83,810	31.50	2,640
1981	3,600	3,500	25.60	89,600	35.70	3,199
1982	3,200	3,200	25.45	81,440	35.10	2,859
1983	3,000	3,000	17.07	51,210	35.00	1,792
1984	3,200	3,200	25.00	80,000	36.30	2,904
1985	3,200	3,100	25.32	78,490	36.70	2,881
1986	2,000	2,000	27.00	54,000	35.20	1,901
1987	2,300	2,300	29.57	68,000	34.10	2,319
GREEN PEAS						
1978	5,800	5,700	1.42	8,100	250.00	2,025
1979	6,300	6,200	1.68	10,420	249.00	2,595
1980	6,200	6,000	1.68	10,080	278.00	2,802
1981	7,900	7,800	1.85	14,430	284.00	4,098
1982	9,400	8,800	1.70	14,960	286.00	4,279
1983	9,400	9,200	1.50	13,800	285.00	3,933
1984	9,600	9,200	1.64	15,090	301.00	4,542
1985	12,100	12,000	2.34	28,080	305.00	8,564
1986	9,100	8,700	1.85	16,100	281.00	4,524
1987	10,200	9,900	1.64	16,240	261.00	4,239
SNAP BEANS						
1978	52,300	50,700	2.13	107,850	150.00	16,178
1979	49,200	45,600	2.33	106,250	161.00	17,106
1980	49,100	46,400	2.44	113,220	169.00	19,134
1981	41,900	38,900	2.47	96,080	185.00	17,775
1982	36,400	35,600	2.82	100,390	178.00	17,869
1983	34,500	33,800	2.61	88,220	178.00	15,703
1984	35,100	32,800	2.52	82,660	181.00	14,961
1985	35,000	33,400	2.73	91,180	184.00	16,777
1986	26,500	25,800	2.34	60,370	170.00	10,263
1987	29,400	28,600	2.47	70,640	165.00	11,656
SWEET CORN						
1978	22,400	20,300	4.90	99,500	45.00	4,478
1979	21,600	20,500	5.33	109,260	47.00	5,135
1980	17,900	17,000	5.05	85,850	48.90	4,198
1981	21,700	21,100	4.66	98,330	62.10	6,106
1982	25,500	24,600	5.27	129,640	64.80	8,401
1983	28,100	25,500	5.21	132,860	66.10	8,782
1984	29,300	28,300	5.58	157,910	62.40	9,854
1985	31,000	29,700	4.09	121,470	63.70	7,738
1986	27,700	27,100	5.12	138,750	60.00	8,325
1987	29,700	27,900	6.92	193,070	57.00	11,005





FRUIT

The value of New York's 1987 tree fruit and grape production totaled 131.2 million dollars, 3 percent below the 1986 value of 135.3 million dollars.

The 1987 **apple** crop in New York was down 2 percent in total production to 880 million pounds. Total apple production for Eastern New York was 270 million pounds, down 10 percent from the 300 million pounds produced in 1986. Western New York apple production totaled 610 million pounds, 2 percent above the 600 million pounds produced in the region in 1986.

Grape production in New York increased 9 percent from last year to 178,000 tons. Concord production, at 126,000 tons, increased 14 percent from 1986. The value of the New York grape crop is estimated at 40.5 million dollars, 23 percent above the 1986 value.

New York's **tart cherry** crop for 1987 totaled 35.0 million pounds, up dramatically from the 13.0 million pounds produced in 1986. Utilized production was 24.4 million pounds with a value of 2.3 million dollars, 18 percent below the 1986 value of 2.8 million dollars.

Utilized production from the 1987 **sweet cherry** crop, at 1,250 tons, was down 11 percent from the 1,400 tons utilized in 1986. The New York crop is valued at 1.0 million dollars compared to 1.2 million dollars in 1986.

Peach production in the Empire State was set at 14.3 million pounds, up 2 percent from the 14.0 million pounds produced in 1986. Utilized production, at 13.8 million pounds, is valued at 3.0 million dollars, down 10 percent from 1986.

Production of **pears**, at 15,000 tons, was down 21 percent from the 1986 crop of 19,000 tons. The value of the 1986 crop, at 3.8 million dollars, was virtually unchanged from 1986.

Table 22. FRUIT: Production and Value of Major Fruits, 1978-1987 1/

Year	Utilized production	Value
	Tons	1,000 dollars
1978	767,450	154,434
1979	721,250	160,581
1980	771,300	158,175
1981	576,750	150,743
1982	761,950	150,083
1983	783,000	165,327
1984	738,850	162,322
1985 2/	719,250	110,132
1986	646,550	135,262
1987	652,850	131,198

1/ Includes apples, grapes, tart and sweet cherries, peaches and pears.
2/ Total value reflects the packinghouse door equivalent for apples. Based on the "as sold" price for apples, the total value comparable to prior years is as follows: (million dollars) 1985-141,268, 1986-176,302, 1987-172,618.

Table 23. APPLES: Bearing Acres, Production, and Value, 1978-1987

Season	Acres of bearing age	Production					
		Eastern	Western	Total	Utilized production 1/	Mkting. year wtd. average price	Value of utilized production
	Thousands	Million pounds			Million lbs.	Cents	1,000 dollars
1978	63.0	400	680	1,080	1,080	8.50	91,800
1979	62.0	355	680	1,035	1,035	10.00	103,500
1980	63.0	370	730	1,100	1,100	9.40	103,400
1981	64.0	270	530	800	800	12.80	102,300
1982	65.0	405	725	1,130	1,130	8.90	100,490
1983	65.0	370	730	1,100	1,100	9.80	107,430
1984	62.8	305	715	1,020	1,020	11.20	114,027
1985	64.8	310	780	1,090	1,079	2/7.00	2/75,085
1986	64.8	300	600	900	900	10.10	91,260
1987	64.4	270	610	880	880	9.20	80,560

1/ Excludes the following quantities not harvested for economic reasons: (million pounds) 1985 - 11.0.
2/ Beginning in 1985 price and value as published is based on packinghouse door equivalent. The as sold price and value for 1985 is 9.8 cents per pound and 106,221,000 dollars total value. The as sold price and value for 1986 is 14.7 cents per pound and 132,300,000 dollars total value. The as sold price and value for 1987 is 13.9 cents per pound and 121,980,000 dollars total value.

Table 24. APPLES: Utilization and Price, 1978-1987

Season	Fresh Use		Processed			
	Quantity	Mkting. year wtd. average price	Total	Mkting. year wtd. average price	Canned	Mkting. year wtd. average price
	Million lbs.	Cents per lb.	Million lbs.	Dollars per ton	Million lbs.	Dollars per ton
1978	425.0	13.5	655.0	103.00	293.0	111.00
1979	405.0	17.5	630.0	103.00	232.0	118.00
1980	410.0	18.0	690.0	86.00	257.0	94.00
1981	350.0	21.0	450.0	127.00	180.0	138.00
1982	410.0	14.5	720.0	114.00	310.0	124.00
1983	435.0	16.9	665.0	102.00	250.0	116.00
1984	401.0	20.1	619.0	107.00	213.0	132.00
1985	379.0	11.5	700.0	89.00	280.0	110.00
1986	360.0	16.5	540.0	118.00	275.0	130.00
1987	380.0	13.7	500.0	114.00	265.0	126.00

Season	Processed							
	Juice and Cider	Mkting. year wtd. average price	Frozen	Mkting. year wtd. average price	Dried	Mkting. year wtd. average price	Other 1/	Mkting. year wtd. average price
	Million lbs.	$ per ton	Million lbs.	$ per ton	Million lbs.	$ per ton	Million lbs.	$ per ton
1978	250.0	86.60	44.0	125.00	47.0	111.00	21.0	123.00
1979	289.0	82.00	46.0	142.00	47.0	110.00	16.0	140.00
1980	335.0	76.00	45.0	124.00	34.0	90.00	19.0	88.00
1981	214.0	110.00	25.0	178.00	19.0	134.00	12.0	164.00
1982	303.0	95.00	43.0	134.00	32.0	118.00	32.0	159.00
1983	343.0	84.00	34.0	138.00	21.0	130.00	17.0	147.00
1984	310.0	84.00	56.0	126.00	26.0	124.00	14.0	146.00
1985	359.0	66.00	26.0	126.00	16.0	114.00	19.0	128.00
1986	230.0	102.00	25.0	126.00	2/	2/	10.0	132.00
1987	170.0	90.00	40.0	128.00	2/	2/	25.0	130.00

1/ Includes vinegar, jelly, apple butter, mincemeat, fresh slices, etc.
2/ Not published to avoid disclosure of individual operations, included in "Other".

Table 25. APPLES: Production by Varieties, 1978-1987 1/

Variety	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
					Million pounds					
Cortland	91.0	86.0	84.0	61.0	86.0	84.0	82.0	78.0	57.0	60.0
Crispin (Mutsu)	2/	2/	2/	2/	2/	2/	2/	15.0	12.0	15.0
Delicious	120.0	133.0	155.0	96.0	147.0	160.0	127.0	162.0	100.0	87.0
Empire	2/	2/	2/	2/	2/	2/	2/	36.0	29.0	40.0
Golden Delicious	60.0	64.0	64.0	50.0	65.0	55.0	46.0	64.0	51.0	45.0
Idared	51.0	50.0	68.0	51.0	70.0	60.0	61.0	87.0	68.0	66.0
McIntosh	317.0	308.0	294.0	223.0	322.0	295.0	266.0	239.0	200.0	203.0
Monroe	11.0	13.0	17.0	12.0	15.0	17.0	10.0	15.0	13.0	18.0
Northern Spy	27.0	26.0	21.0	15.0	23.0	24.0	20.0	23.0	21.0	17.0
R.I. Greening	156.0	126.0	116.0	86.0	123.0	128.0	122.0	113.0	114.0	99.0
Rome	121.0	116.0	142.0	112.0	145.0	147.0	133.0	131.0	123.0	123.0
Twenty Ounce	38.0	33.0	46.0	28.0	39.0	40.0	36.0	35.0	32.0	33.0
Other	88.0	80.0	93.0	66.0	95.0	90.0	117.0	92.0	80.0	74.0
All Varieties 1/	1,080.0	1,035.0	1,100.0	800.0	1,130.0	1,100.0	1,020.0	1,090.0	900.0	880.0
					Thousand 42 pound equivalents					
All Varieties	25,714	24,693	26,190	19,048	26,905	26,190	24,285	25,952	21,429	20,952

1/ Total production. Includes the following quantities not harvested for economic reasons: (million pounds) 1985-11.0.
2/ Included in "Other".

Table 26. APPLES: Receipts and Utilization at New York Processing Plants and Cider Mills, 1978-1987

Crop Year	Total received 1/	Receipts from other states 2/	Used for cider and apple juice	Used for canning or applesauce	Used for for freezing	Other products 3/	Cider and juice pressed 4/
			Million pounds				Gallons
1978	600.6	27.6	239.4	260.5	40.7	60.0	24,834,000
1979	632.2	35.1	308.1	226.6	41.5	56.0	28,159,000
1980	667.3	44.2	349.5	229.7	39.9	48.2	36,855,000
1981	455.4	42.9	238.1	164.7	22.6	27.8	27,162,000
1982	730.4	51.9	336.5	288.3	42.6	63.0	28,304,000
1983	618.6	38.3	342.8	212.2	26.2	37.5	29,175,000
1984	568.7	16.5	305.2	192.6	32.6	38.2	26,771,000
1985	678.9	17.1	351.0	268.3	25.9	33.8	31,080,000
1986	535.8	43.0	240.9	264.1	24.1	6.7	21,864,000
1987	513.9	53.2	183.2	262.6	42.0	24.5	16,967,000

1/ Apples transferred to another plant for processing are included only in plant where processed. 2/ Included in preceding column. 3/ Jelly, apple butter, mincemeat, fresh sliced apples for pies, dried apples, and vinegar. 4/ Includes cider and juice pressed from purchased skins and cores and juice prior to concentrating.

Table 27. APPLES: Processing Plants in Operation and Establishments Making Specified Products, 1978-1987

Crop Year	Plants in Operation	Plants Making		
		Cider and Juice	Canned apple products 1/	Frozen apple products
1978	174	160	10	6
1979	156	144	9	6
1980	144	136	8	5
1981	138	130	7	4
1982	146	129	7	4
1983	137	131	6	4
1984	136	130	5	4
1985	127	121	5	5
1986	108	101	7	4
1987	106	88	7	4

1/ Includes canned apple slices, baby food, etc.

Table 28. APPLES: Holdings in Cold Storage, End-of-Month, 1978-1987 1/

Month	Total Holdings									
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	Thousand bushels									
EASTERN NEW YORK										
September	2,054	2,625	2,387	1,632	2,064	1,317	1,129	1,693	2,289	2,321
October	5,837	5,775	5,791	3,945	5,381	5,299	4,663	4,699	4,019	3,774
November	5,151	5,033	5,428	3,448	4,761	5,185	4,507	4,218	3,987	3,724
December	4,492	4,357	4,663	3,027	4,176	3,954	3,581	3,771	2,994	3,171
January	3,740	3,632	4,014	2,574	3,324	3,040	3,334	2,910	2,637	2,555
February	2,808	2,783	3,147	1,915	2,666	2,657	2,357	2,421	1,784	1,929
March	1,975	1,796	2,282	1,238	1,923	1,706	1,694	1,622	1,103	1,260
April	1,343	1,096	1,459	694	1,374	1,047	1,051	1,011	709	705
WESTERN NEW YORK										
September	808	1,059	417	881	1,132	523	546	802	1,178	1,778
October	3,803	3,786	3,424	2,937	4,398	3,771	3,859	4,662	4,222	3,924
November	3,998	3,800	3,907	2,537	5,839	4,164	4,139	4,716	4,111	3,940
December	3,386	2,737	3,157	1,789	3,759	3,101	3,239	4,492	3,102	3,623
January	1,975	1,594	2,126	1,264	2,343	2,291	2,049	3,203	2,488	2,691
February	1,244	896	1,446	651	1,487	1,390	1,245	2,266	1,800	2,030
March	606	497	940	465	961	955	796	1,293	1,112	1,326
April	314	271	522	244	707	575	478	775	544	1,008
TOTAL NEW YORK										
August	5	13	2	3	8	2	2	29	23	8
September	2,862	3,684	2,804	2,513	3,196	1,840	1,675	2,495	3,467	4,099
October	9,640	9,561	9,215	6,882	9,779	9,070	8,522	9,361	8,241	7,698
November	9,149	8,833	9,335	5,985	10,600	9,349	8,646	8,934	8,098	7,664
December	7,878	7,094	7,820	4,816	7,935	7,055	6,820	8,263	6,096	6,794
January	5,715	5,226	6,140	3,838	5,667	5,331	5,383	6,113	5,125	5,246
February	4,052	3,679	4,593	2,566	4,153	4,047	3,602	4,687	3,584	3,959
March	2,581	2,293	3,222	1,703	2,884	2,661	2,490	2,915	2,215	2,586
April	1,657	1,367	1,981	938	2,081	1,622	1,529	1,786	1,253	1,713
May	657	457	1,060	298	890	743	637	786	372	828
June	199	40	360	94	386	125	126	242	80	433
July	4	-	184	16	77	4	38	68	15	

Month	Controlled Atmosphere Storage									
	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
	Thousand bushels									
EASTERN NEW YORK										
September	1,358	1,804	1,731	1,155	1,364	895	816	1,270	1,269	1,449
October	3,677	3,820	3,917	2,791	3,720	3,661	3,261	3,168	2,632	2,573
November	3,674	3,754	3,989	2,741	3,731	3,750	3,228	3,042	2,856	3,122
December	3,629	3,659	3,924	2,690	3,643	3,255	3,118	3,065	2,651	2,857
January	3,333	3,259	3,587	2,447	3,066	2,742	3,015	2,596	2,481	2,423
February	2,715	2,549	2,997	1,867	2,515	2,472	2,111	2,196	1,757	1,889
March	1,934	1,745	2,229	1,208	1,829	1,647	1,526	1,493	1,088	1,237
April	1,317	1,072	1,439	669	1,327	1,040	952	903	705	687
WESTERN NEW YORK										
September	154	201	50	153	171	136	130	239	274	475
October	779	826	776	805	994	1,063	1,213	1,352	1,308	1,760
November	825	841	834	868	1,260	1,354	1,380	1,455	1,447	1,871
December	858	840	921	829	1,266	1,254	1,290	1,521	1,355	1,896
January	844	819	983	794	1,219	1,299	1,348	1,482	1,212	1,756
February	741	667	805	554	999	918	1,058	1,376	1,046	1,485
March	481	436	673	441	812	781	734	1,019	825	1,132
April	257	252	451	243	618	514	447	688	468	889
TOTAL NEW YORK										
September	1,512	2,005	1,781	1,308	1,535	1,031	946	1,509	1,543	1,924
October	4,456	4,646	4,693	3,596	4,714	4,724	4,474	4,520	3,940	4,333
November	4,499	4,595	4,823	3,609	4,991	5,104	4,608	4,497	4,303	4,993
December	4,487	4,499	4,845	3,519	4,909	4,509	4,488	4,586	4,006	4,753
January	4,177	4,078	4,570	3,241	4,285	4,041	4,363	4,078	3,692	4,176
February	3,456	3,216	3,802	2,421	3,514	3,390	3,169	3,572	2,803	3,374
March	2,415	2,181	2,902	1,649	2,641	2,428	2,260	2,512	1,913	2,369
April	1,574	1,324	1,890	912	1,945	1,554	1,399	1,591	1,173	1,576

1/ Crop harvested in year designated.

Table 29. TART CHERRIES: Bearing Acres, Production, Utilization, and Value, 1978-1987

Season	Acres of bearing age	Production				Utilization			
						Fresh Use		Processed	
		Total	Utilized 1/	Mkting. year wtd. average price	Value of utilized production	Quantity	Mkting. year wtd. average price	Total	Mkting. year wtd. average price
	Thousands	Million lbs.		Cents per lb.	1,000 dol.	Million lbs.	Cents per lb.	Mil. lbs.	Cents per lb.
1978	3.8	18.9	18.9	42.9	8,108	0.2	39.2	18.7	42.9
1979	3.9	27.3	27.3	46.2	12,613	0.2	41.8	27.1	46.2
1980	4.0	30.4	30.4	19.1	5,806	0.1	38.3	30.3	19.0
1981	4.2	7.0	7.0	45.1	3,156	0.1	51.4	6.9	45.0
1982	4.4	21.0	21.0	14.8	3,112	0.2	48.1	20.8	14.5
1983	4.6	23.0	23.0	46.0	10,585	0.3	47.6	22.7	46.0
1984	4.7	26.0	25.3	22.2	5,625	0.3	33.3	25.0	22.1
1985	4.8	22.5	22.5	25.6	5,764	0.5	44.0	22.0	25.2
1986	5.1	13.0	12.3	23.0	2,835	0.2	50.0	12.1	22.6
1987	5.3	35.0	24.4	9.5	2,318	2.0	42.0	22.4	6.6

1/ Excludes mature fruit not harvested.

Table 30. SWEET CHERRIES: Bearing Acres, Production, Utilization, and Value, 1978-1987

Season	Acres of bearing age	Production				Utilization			
						Fresh Use		Processed	
		Total	Utilized 1/	Mkting. year wtd. average price	Value of utilized production	Quantity	Mkting. year wtd. average price	Total	Mkting. year wtd. average price
	Thousands	Tons		Dollars per ton	1,000 dol.	Tons	Dollars per ton	Tons	Dollars per ton
1978	1.6	3,500	3,500	543.00	1,901	800	818.00	2,700	461.00
1979	1.5	4,200	4,050	447.00	1,810	950	608.00	3,100	398.00
1980	1.5	5,100	4,600	450.00	2,070	870	802.00	3,730	368.00
1981	1.5	1,750	1,050	621.00	652	450	950.00	600	375.00
1982	1.5	3,500	3,200	608.00	1,946	1,570	882.00	1,630	344.00
1983	1.4	3,200	3,000	569.00	1,706	1,250	848.00	1,750	369.00
1984	1.2	2,400	2,200	567.00	1,248	1,050	794.00	1,150	375.00
1985	1.0	1,600	1,500	670.00	1,005	1,000	978.00	900	464.00
1986	0.9	1,700	1,400	849.00	1,188	1,000	1,020.00	400	420.00
1987	0.85	1,500	1,250	839.00	1,049	2/	2/	2/	2/

1/ Excludes mature fruit not harvested.
2/ Not published to avoid disclosure of individual operations.

Table 31. PEACHES: Bearing Acres, Production, and Value, 1978-1987

Season	Acres of bearing age	Production		Mkt. year wtd. avg. price	Value of utilized production
		Total	Utilized 1/		
	Thous.	Million pounds		¢ per lb.	1,000 dol.
1978	2.2	16.0	16.0	18.5	2,960
1979	2.3	6.7	6.7	22.2	1,487
1980	2.4	13.0	13.0	23.5	3,055
1981	2.4	9.0	9.0	23.6	2,121
1982	2.4	14.5	14.5	27.1	3,930
1983	2.4	17.0	17.0	23.2	3,946
1984	2.2	11.0	11.0	27.4	3,011
1985	2.0	14.5	14.0	23.2	3,252
1986	2.1	14.0	14.0	23.6	3,308
1987	2.1	14.3	13.8	21.5	2,971

1/ Excludes mature fruit not harvested.

Table 32. PEARS: Bearing Acres, Production, and Value, 1978-1987

Season	Acres of bearing age	Production		Mkt. year wtd. avg. price	Value of utilized production
		Total	Utilized 1/		
	Thous.	Tons		$ per ton	1,000 dol.
1978	3.6	18,500	18,500	205.00	3,793
1979	3.6	18,000	17,700	182.00	3,221
1980	3.5	21,000	20,000	222.00	4,440
1981	3.4	17,000	17,000	219.00	3,730
1982	3.2	19,000	19,000	201.00	3,828
1983	3.1	19,000	19,000	271.00	5,146
1984	2.7	20,000	20,000	228.00	4,568
1985	2.7	16,000	16,000	242.00	3,870
1986	2.8	19,000	18,000	210.00	3,773
1987	2.9	15,000	14,500	259.00	3,758

1/ Excludes mature fruit not harvested.

Table 33. GRAPES: Bearing Acres, Production, Utilization, and Value, 1978-1987

Season	Acres of bearing age	Production					Utilization	
		Total all varieties	Total Concord production	Utilized all varieties 1/	Mkting. year wtd. average price	Value of utilized production	Fresh Use	
							Quantity	Mkting. year wtd. average price
	Thousands	Tons	Tons	Tons	Dollars per ton	1,000 dollars	Tons	Dollars per ton
1978	41.5	188,000	129,500	188,000	244.00	45,872	2,700	466.00
1979	41.5	165,000	124,500	165,000	230.00	37,950	3,000	490.00
1980	41.0	175,000	125,500	175,000	225.00	39,404	4,000	446.00
1981	41.0	150,000	108,500	150,000	254.00	38,152	3,500	478.00
1982	41.0	157,000	110,000	157,000	234.00	36,777	3,000	401.00
1983	41.0	191,000	132,000	191,000	191.00	36,514	4,500	364.00
1984	39.0	198,000	139,000	188,500	180.00	33,843	4,500	406.00
1985	37.0	144,000	109,000	144,000	147.00	21,156	4,000	424.00
1986	35.8	164,000	111,000	164,000	201.00	32,898	4,400	335.00
1987	36.0	178,000	126,000	178,000	228.00	40,542	4,500	450.00

Season	Utilization							
	Processed							
	Total	Mkting. year wtd. average price	Juice	Mkting. year wtd. average price	Wine	Mkting. year wtd. average price	Other	Mkting. year wtd. average price
	Tons	Dollars per ton	Tons	Dollars per ton	Tons	Dollars per ton	Tons	Dollars per ton
1978	185,300	241.00	92,500	219.00	88,600	266.00	4,200	196.00
1979	162,000	225.00	90,500	202.00	68,500	255.00	3,000	208.00
1980	171,000	220.00	99,500	194.00	70,250	257.00	1,250	196.00
1981	146,500	249.00	75,800	199.00	69,450	305.00	1,250	200.00
1982	154,000	231.00	86,000	175.00	67,450	272.00	550	150.00
1983	186,500	187.00	116,500	142.00	70,000	263.00	-	-
1984	184,000	174.00	111,500	121.00	72,500	255.00	-	-
1985	142,000	139.00	92,000	116.00	48,000	182.00	-	-
1986	159,600	194.00	89,400	181.00	70,200	210.00	-	-
1987	273,500	222.00	78,100	214.00	95,400	228.00	-	-

1/ Excludes mature fruit not harvested.

Table 34. GRAPES: Total Grapes Processed in New York Plants, 1978-1987 1/

Season	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other	
			Tons		
1978	160,483	18,425	99,056	79,852	178,908
1979	134,344	12,380	75,224	71,500	146,724
1980	142,406	10,018	65,578	86,846	152,424
1981	127,008	13,854	69,124	71,738	140,862
1982	124,468	14,623	68,677	70,414	139,091
1983	157,013	14,977	73,182	98,808	171,990
1984	149,654	13,303	78,958	83,999	162,957
1985	112,097	11,810	48,077	75,830	123,907
1986	126,249	15,460	67,462	74,247	141,709
1987	142,859	8,823	68,171	83,511	151,682

1/ Excludes New York grown grapes processed in other states.

Table 35. GRAPES: Concord Grapes Processed in New York Plants, 1978-1987 1/

Season	Received from		Primary utilization		Total
	New York	Other States and Canada	Wine	Sweet Juice and Other	
			Tons		
1978	104,958	15,142	42,607	77,493	120,100
1979	96,052	10,909	37,037	69,924	106,961
1980	99,061	9,268	25,848	82,481	108,329
1981	85,481	12,714	27,382	70,813	98,195
1982	78,302	12,717	23,086	67,933	91,019
1983	100,697	13,436	18,891	95,242	114,133
1984	97,746	12,247	30,970	79,023	109,993
1985	79,829	10,841	19,494	71,176	90,670
1986	79,255	13,950	22,557	70,648	93,205
1987	97,187	8,189	24,228	81,148	105,376

1/ Excludes New York grown grapes processed in other states.

Table 36. GRAPES: New York Grown Grapes Processed, by Variety, 1978-1987 1/

Variety	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
					Tons					
American Varieties										
Catawba	15,408	9,634	11,990	9,659	13,786	14,286	10,901	7,745	12,262	12,939
Concord	127,581	122,151	123,121	103,077	105,840	128,390	128,746	105,088	107,326	122,688
Delaware	4,713	4,183	5,101	5,980	4,031	7,412	7,170	2,655	5,562	4,722
Dutchess	1,019	602	959	438	425	246	1,102	497	792	587
Elvira	2,826	2,216	2,746	3,162	2,957	3,282	3,477	2,433	3,880	3,496
Ives	1,778	1,110	1,233	1,188	1,495	1,261	655	123	4/	4/
Niagara	10,919	6,696	9,207	8,113	9,372	9,874	9,990	5,614	9,663	10,243
French Hybrids 2/	19,513	13,528	13,823	11,825	12,082	16,623	16,958	11,902	14,609	14,851
Other Varieties 3/	1,543	1,880	2,820	3,058	4,012	4,126	5,001	3,943	5,506	3,974
TOTAL	185,300	162,000	171,000	146,500	154,000	186,500	184,000	140,000	159,600	173,500

1/ Includes New York grown grapes received at out-of-state plants. 2/ 1977-1979 includes all French Hybrid varieties. 1980-1985 includes only Aurora, Baco Noir, De Chaunac, Marechal Foch, Rougeon and Seyval Blanc. 3/ 1976-1979 includes Vinifera and other American varieties not listed. 1980-1985 includes Vinifera, other American and French Hybrid Varieties not listed in footnote 2/. 4/ Included in "Other Varieties" to avoid disclosure of individual operations.

Table 37. GRAPES: New York Grown Grapes Processed, by Area of Production, 1978-1987 1/

Year	Chautauqua-Erie 2/	Niagara County	Finger Lakes 3/	Other 4/	State Total
			Tons		
1978	107,707	8,778	64,775	4,040	185,300
1979	100,035	6,003	52,297	3,665	162,000
1980	107,467	6,569	53,018	3,946	171,000
1981	85,851	7,702	51,081	1,866	146,500
1982	87,947	6,505	54,437	5,111	154,000
1983	120,083	6,596	57,982	1,839	186,500
1984	115,247	6,574	58,038	4,141	184,000
1985	94,438	4,230	38,240	3,092	140,000
1986	98,827	5,346	51,141	4,286	159,600
1987	112,529	6,200	51,685	3,086	173,500

1/ Includes New York grown grapes received at out-of-state plants. 2/ Includes Cattaraugus County. 3/ Includes Ontario, Seneca, Schuyler, Steuben and Yates Counties. 4/ Includes Hudson Valley, Long Island and other areas not listed.

SPECIALTY CROPS

Table 38. MAPLE SYRUP: Production and Value, 1978-1988

Year	Syrup made 1/	Average date		Gallons of sap per gallon of syrup	Average price per gallon	Value of production
		First run made	Last run made			
	1,000 gals.			Gallons	Dollars	1,000 dols.
1978	330	Mar. 18	Apr. 17	41	12.00	3,960
1979	315	Mar. 8	Apr. 11	39	13.10	4,127
1980	243	Mar. 13	Apr. 10	42	15.30	3,718
1981	331	Mar. 1	Apr. 1	36	17.60	5,826
1982	320	Mar. 13	Apr. 14	39	17.30	5,536
1983	235	Feb. 26	Apr. 1	44	17.00	3,995
1984	332	Mar. 1	Apr. 6	42	16.90	5,611
1985	315	Mar. 4	Apr. 5	44	17.10	5,387
1986	262	Mar. 11	Apr. 4	39	19.60	5,135
1987	225	Mar. 9	Apr. 4	40	23.30	5,243
1988 2/	310	Mar. 8	Apr. 3	41	25.00	7,750

1/ Includes syrup later made into sugar.
2/ Preliminary.

Table 39. MUSHROOMS: Area, Production, and Value, 1978-1987

Crop Year 1/	Area in production	Production	Price per pound	Value of production
	1,000 sq. ft.	1,000 pounds	Cents	1,000 dollars
1978-79	3,063	8,144	82.3	6,705
1979-80	3,089	7,899	81.5	6,438
1980-81	2,948	7,773	84.6	6,576
1981-82	2,036	4,995	78.8	3,936
1982-83	1,305	2,431	89.4	2,173
1983-84	1,202	2,340	84.9	1,986
1984-85	1,303	2,333	78.9	1,841
1985-86	969	2,119	72.1	1,528
1986-87	836	1,589	80.2	1,274

1/ July 1 to June 30.

Table 40. FLORICULTURE: Production, Sales, and Value, Commercial Growers, 1978-1987 1/

Year	Number of producers	Area in production	Sales 2/	Value of sales at wholesale 3/	Percent of sales at wholesale	Wholesale price
		Thous. sq. ft.	Thousands	Thous. dollars	Percent	Dollars/Cents
CHRYSANTHEMUMS, STANDARD						
1978	111	465	2,337	991	72	42.4
1979	94	352	1,773	823	78	46.4
1980	103	366	1,902	865	77	45.5
1981	89	428	1,539	803	75	52.2
1982 4/						
1983 4/						
1984	50	212	805	421	77	52.3
1985	47	132	738	506	68	68.5
1986	40	161	774	448	68	57.9
1987	23	176	614	423	84	68.9
CHRYSANTHEMUMS, POMPON						
1978	134	523	580	974	51	1.68
1979	126	509	516	970	68	1.88
1980	119	518	527	996	66	1.89
1981	108	465	487	896	66	1.84
1982 4/						
1983 4/						
1984	61	287	291	597	70	2.05
1985	65	188	186	409	32	2.20
1986	51	180	360	612	39	1.70
1987	45	158	371	864	10	2.33
CHRYSANTHEMUMS, POTTED						
1978	199	959	1,483	3,218	94	2.17
1979	189	966	1,111	2,311	92	2.08
1980	190	65	1,292	2,868	82	2.22
1981	213	333	2,033	5,123	78	2.52
1982 4/						
1983 4/						
1984	120	540	3,267	7,906	95	2.42
1985	88	757	1,236	4,568	94	2.12
1986	111	825	1,628	6,486	95	3.98
1987	82	1,025	1,657	5,315	97	3.21
FOLIAGE PLANTS FOR INDOOR OR PATIO USE						
1978	238	1,525	-	6,571	84	-
1979	170	1,175	-	4,226	82	-
1980	202	1,486	-	6,326	76	-
1981	216	1,445	-	5,886	61	-
1982 4/						
1983 4/						
1984	234	2,773	-	3,819	88	-
1985	123	694	-	3,919	54	-
1986	79	454	-	3,597	34	-
1987	61	277	-	3,492	77	-

1/ Includes only growers with sales of $10,000 or more.
2/ Pompon chrysanthemums sals are in units of 1,000 bunches. Potted flowers in units of 1,000 pots.
3/ Equivalent wholesale value of all sales. Foliage plants are gross value of sales less cost of plant material purchased from other growers for growing on.
4/ No survey conducted.

Table 40. FLORICULTURE: Production, Sales, and Value, Commercial Growers, 1978-1987 1/ *(Continued)*

Year	Number of producers	Area in production	Sales 2/	Value of sales at wholesale 3/	Percent of sales at wholesale	Wholesale price
		Thous. sq. ft.	Thousands	Thous. dollars	Percent	Dollars/Cents
ROSES, HYBRID TEA						
1978	14	4/787	17,205	5,162	100	30.0
1979	14	4/728	15,924	4,984	100	31.3
1980	16	4/758	17,563	5,848	100	33.3
1981	16	4/707	14,098	5,935	99	42.1
1982 5/						
1983 5/						
1984	24	4/840	15,809	7,003	100	44.3
1985	22	4/738	14,484	7,677	99	53.0
1986	18	4/604	13,281	8,447	97	63.6
1987	15	4/703	14,333	8,284	97	57.8
ROSES, MINIATURE OR SWEETHEART						
1978	13	4/241	7,480	1,287	100	17.2
1979	11	4/208	6,633	1,426	100	21.5
1980	12	4/192	6,019	1,529	100	25.4
1981	11	4/206	6,228	1,451	100	23.3
1982 5/						
1983 5/						
1984	13	4/243	7,016	1,838	100	26.2
1985	12	4/192	5,542	1,873	100	33.8
1986	12	4/180	4,549	1,970	96	43.3
1987	12	4/189	6,162	2,224	96	36.1
POTTED LILLIES						
1978	163	296	375	986	86	2.63
1979	158	269	338	930	86	2.75
1980	141	286	414	1.205	81	2.91
1981	143	315	401	1,331	84	3.32
1982 5/						
1983 5/						
1984	100	409	416	1,577	92	3.79
1985	112	295	352	1,478	88	3.12
1986	115	305	480	2,039	90	3.80
1987	88	403	401	1,446	91	3.10
POTTED GERANIUMS						
1978	359	2,135	5,326	3,781	75	.71
1979	345	1,841	5,306	4,086	78	.77
1980	323	2,021	5,560	5,115	70	.92
1981	346	2,145	5,539	5,927	69	1.07
1982 5/						
1983 5/						
1984	302	2,446	6,363	6,363	85	1.00
1985	316	1,727	4,870	5,065	72	1.04
1986	282	2,022	5,340	6,728	78	1.26
1987	239	1,736	7,500	7,377	88	.98

1/ Includes only growers with sales of $10,000 or more.
2/ Potted flowers in units of 1,000 pots. Snapdragons are in units of 1,000 stems. All other sales are in units of 1,000 blooms.
3/ Equivalent wholesale value of all sales.
4/ Thousand plants.
5/ No survey conducted.

Table 40. FLORICULTURE: Production, Sales, and Value, Commercial Growers, 1978-1987 1/ *(Continued)*

Year	Number of producers	Area in production	Sales 2/	Value of sales at wholesale 3/	Percent of sales at wholesale	Wholesale price
		Thous. sq. ft.	Thousands	Thous. dollars	Percent	Dollars/Cents
POTTED POINSETTIAS						
1978	232	1,926	1,534	3,728	89	2.43
1979	231	1,785	1,312	3,372	89	2.57
1980	221	2,048	1,602	4,406	83	2.75
1981	237	2,052	1,914	4,957	86	2.59
1982 4/						
1983 4/						
1984	180	1,791	1,478	5,601	90	3.79
1985	209	2,435	2,072	6,755	82	3.26
1986	206	2,811	2,235	7,778	89	3.48
1987	172	2,591	1,882	5,600	89	2.98
FLOWERING BEDDING PLANTS						
1978	354	2,357	1,442	6,129	72	4.25
1979	368	2,255	1,114	4,768	65	4.28
1980	316	2,683	1,544	7,674	63	4.97
1981	345	2,777	1,573	8,400	60	5.34
1982 4/						
1983 4/						
1984	367	2,876	1,854	10,160	70	5.48
1985	339	3,439	1,963	1,385	69	5.80
1986	304	3,675	2,142	3,130	78	6.13
1987	257	2,953	1.869	11,775	71	6.30
VEGETABLE BEDDING PLANTS 5/						
1978	316	1,164	651	2,741	68	4.21
1979	335	1,227	621	2,602	68	4.19
1980	295	1,224	699	3,334	62	4.77
1981	326	1,525	806	3,949	61	4.90
1982 4/						
1983 4/						
1984	308	922	660	3,762	62	5.70
1985	311	1,125	599	3,336	54	5.57
1986	261	900	494	2,875	62	5.82
1987	233	729	452	2,698	64	5.97

1/ Includes only growers with sales of $10,000 or more.
2/ Potted flowers in units of 1,000 pots.
3/ Equivalent wholesale value of all sales.
4/ No survey conducted.
5/ Does not include vegetable transplants grown outdoors for use in commercial vegetable production.

DAIRY

Total milk production in New York during 1987 declined three percent to 11.4 billion pounds. The annual average number of milk cows, at a record low 858,000 head, was eight percent below the 1986 average. This drop in cow numbers was partially offset by a record high annual output per cow. The rate per cow, at 13,242 pounds, was 691 pounds above 1986 and set a record high yield.

New York's 1987 record low herd size was down eight percent from 1986 and nine percent below 1985. The sharp reduction in cows began with the dairy termination program of the Food Security Act which took effect from April 1, 1986 to August 31, 1987. This downward trend continued throughout the year.

Cash receipts from the sale of milk during 1987 totaled $1.42 billion, down two percent from the previous year. The $12.70 per hundredweight received for all milk sold wholesale by New York dairy farmers was up ten cents from the $12.60 received in 1986. Marketings include whole milk and producer-separated cream sold to plants and dealers as well as milk sold directly to consumers.

Total cheese production in New York, excluding cottage cheese, reached a new record high of 501 million pounds in 1987. This total is up three percent from the previous record set in 1986, and is the twelfth consecutive year New York has set a new cheese production record.

Italian cheese, which accounted for 58 percent of the state's total cheese output, rose one percent from 1986 to a new record high of 290 million pounds. Compared with 1986, New York's 1987 production of Mozzarella was up one percent, while cream cheese rose four percent. Cheddar cheese production increased 10 percent from 1986. Creamed cottage cheese declined 11 percent, but production of lowfat cottage cheese increased two percent. Butter production dropped 34 percent.

New York production of frozen dairy products was fractionally above the 1986 total. Milk sherbet moved up 15 percent, but was offset by a one percent decline in ice cream production and a fractionally smaller ice milk total. Production of water ices jumped 38 percent in 1987, pushing New York into the number one position among producing states.

National milk production decreased one percent in 1987 to 142 billion pounds while output per cow reached 13,786 pounds. Total United States cheese output of 5.34 billion pounds, excluding cottage cheese was up three percent from a year earlier. Wisconsin remained the leading state with 35 percent of the total output. Italian varieties continued their steady increase to a record 1.80 billion pounds.

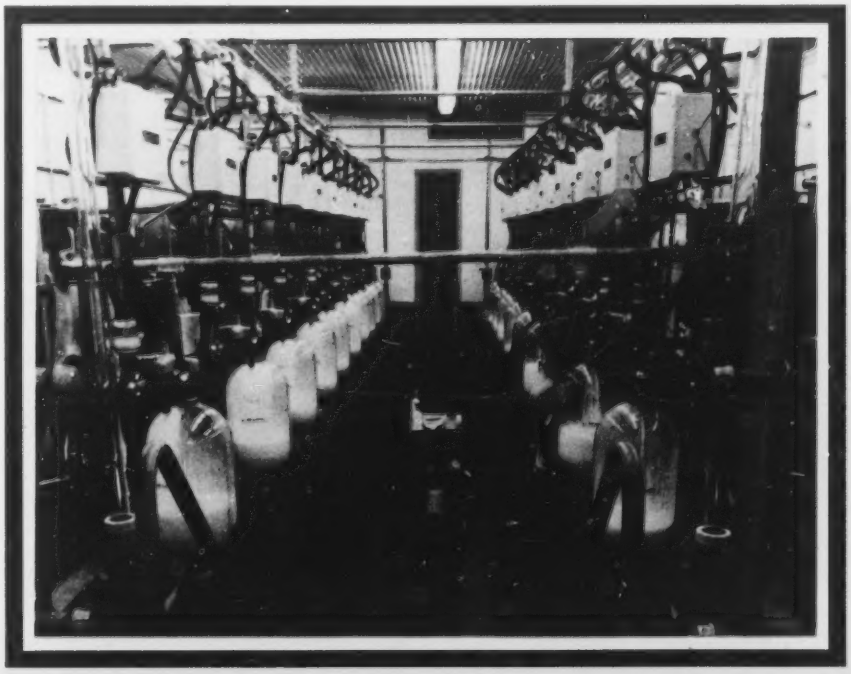


Table 41. MILK: Cows and Production, by Months , 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MILK COWS ON FARMS 1/ *(Thousands)*												
1978	914	914	909	904	907	903	903	904	904	904	903	904
1979	903	903	903	902	899	900	901	901	912	912	911	911
1980	910	910	909	908	908	907	908	914	914	915	914	915
1981	915	917	910	908	905	907	906	909	913	913	914	921
1982	918	915	917	916	914	910	910	913	922	928	932	935
1983 2/	934	935	936	934	932	934	937	940	948	950	950	945
1984	937	932	927	920	920	922	925	927	935	938	942	942
1985	934	936	937	935	943	944	945	950	957	961	963	968
1986 3/	963	959	955	954	949	942	932	918	918	911	906	901
1987	894	887	873	866	858	848	851	848	847	850	835	843
1988	845	839	833	825								
MILK PRODUCTION PER COW *(Pounds)*												
1978	955	870	1,010	1,030	1,065	1,025	960	930	900	910	880	940
1979	975	890	1,025	1,035	1,105	1,045	990	970	930	935	900	950
1980	995	945	1,050	1,060	1,115	1,075	1,015	980	945	960	925	985
1981	1,005	930	1,080	1,080	1,135	1,080	1,025	1,000	950	955	925	980
1982	1,000	930	1,060	1,050	1,115	1,080	1,015	990	945	970	930	990
1983 2/	1,025	945	1,085	1,075	1,125	1,105	1,055	1,015	980	1,000	960	1,030
1984	1,050	1,000	1,100	1,085	1,125	1,085	1,030	985	955	970	925	990
1985	1,020	930	1,075	1,065	1,130	1,090	1,055	1,025	985	1,015	970	1,020
1986 3/	1,045	960	1,105	1,090	1,155	1,100	1,060	1,035	1,000	1,000	965	1,030
1987	1,060	980	1,145	1,145	1,225	1,185	1,115	1,110	1,060	1,075	1,040	1,100
1988	1,130	1,085	1,205	1,195								
TOTAL MILK PRODUCTION *(Million Pounds)*												
1978	873	795	927	931	966	926	867	841	814	823	795	850
1979	880	804	926	934	993	941	892	874	848	853	820	865
1980	905	860	954	862	1,012	975	922	896	864	878	845	901
1981	920	853	983	981	1,027	980	929	909	867	872	845	903
1982	918	851	972	962	1,019	983	924	904	871	900	867	926
1983 2/	957	884	1,016	1,004	1,049	1,032	989	954	929	950	912	973
1984	984	932	1,010	998	1,035	1,000	953	913	893	910	871	933
1985	953	870	1,007	996	1,066	1,029	997	974	943	975	934	987
1986 3/	1,006	921	1,055	1,040	1,096	1,036	988	950	918	911	874	928
1987	948	869	1,000	992	1,051	1,005	949	941	898	914	868	927
1988	955	910	1,004	986								

1/ Excludes heifers not yet fresh. 2/ Dairy Diversion Program April 16, 1983 - March 31, 1985.
3/ Dairy Termination Program April 1, 1986 - August 31, 1987.

Table 42. MILK: Production, Disposition, and Income, 1978-1987

Year	Milk cows 1/	Milk per cow	Total milk production	Disposition of Milk Produced				Prices received 3/	Gross income 4/	Value of milk produced 5/
				Fed to calves	Consumed as fluid milk, cream and butter	Sold whole-sale 2/	Retailed by producers			
	No. thou.	Lbs.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Dollars	Mil. dol.	Mil. dol.
1978	906	11,488	10,408	149	91	10,075	93	10.50	1,085.2	1,101.2
1979	905	11,746	10,630	150	90	10,305	85	11.90	1,254.1	1,272.4
1980	911	12,046	10,974	143	82	10,670	79	13.00	1,414.7	1,433.2
1981	912	12,137	11,069	157	80	10,755	77	13.80	1,513.2	1,525.3
1982	919	12,075	11,097	161	78	10,790	68	13.70	1,504.8	1,526.9
1983	940	12,393	11,649	181	80	11,330	58	13.70	1,577.0	1,601.9
1984	931	12,290	11,442	167	72	11,150	53	13.50	1,527.8	1,550.5
1985	948	12,374	11,731	168	70	11,435	58	12.80	1,486.7	1,508.3
1986	934	12,551	11,723	166	68	11,435	54	12.60	1,462.5	1,483.5
1987	858	13,242	11,362	160	64	11,095	43	12.70	1,427.6	1,448.0

1/ Average number on farms during the year excluding heifers not yet fresh. 2/ Includes milk equivalent of farm skimmed cream sold to plants and dealers. 3/ Prices received for all milk sold wholesale per cwt. 4/ Includes value of milk used for home consumption. 5/ Includes value of milk fed to calves.

Table 43. FEEDING RATE: Grain and Other Concentrates Fed Daily, Per Milk Cow in Herd on First of Month, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Pounds							
1978	12.8	12.7	13.1	13.6	13.5	12.4	12.1	12.2	12.3	12.4	12.3	13.0	12.70
1979	13.2	13.7	14.1	14.4	14.2	13.5	12.8	12.8	13.1	13.3	13.3	13.3	13.48
1980	13.8	13.8	14.0	14.0	13.6	13.4	13.0	12.5	12.6	13.2	12.7	13.5	13.34
1981	13.6	13.9	14.0	14.0	14.3	13.2	13.0	12.7	12.9	13.1	13.4	13.8	13.49
1982	13.9	14.2	14.2	13.8	13.9	13.5	13.2	13.0	13.4	13.2	13.5	13.9	13.64
1983	14.0	13.9	13.8	14.4	14.3	13.6	13.5	13.3	13.3	12.9	13.0	13.4	13.62
1984	13.4	13.7	13.7	13.8	13.5	13.0	12.5	12.4	12.8	13.1	13.1	13.4	13.20
1985	13.6	13.7	14.1	13.9	14.0	12.9	13.2	12.9	13.1	13.5	13.5	14.1	13.54
1986	14.3	14.2	14.3	14.4	14.4	13.6	13.4	12.9	13.3	13.4	13.9	14.3	13.87
1987	14.2	14.3	14.1	14.6	14.4	14.1	14.1	14.0	13.6	13.7	14.2	14.0	14.11
1988	14.5	14.7	14.7	14.6	15.0								

Table 44. FRESHENING RATE: Cows and Hiefers Freshened During the Month, Per 100 Cows in Herd, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
						Percent							
1978	7.6	6.9	7.5	6.5	5.3	5.6	6.4	8.1	9.3	7.8	7.9	7.9	86.8
1979	7.5	7.1	7.1	6.7	6.2	5.9	7.4	8.7	8.8	8.4	9.0	7.4	90.2
1980	9.7	6.7	7.1	6.3	5.0	5.4	6.4	8.5	8.5	8.4	7.7	7.5	87.2
1981	6.9	7.0	6.9	6.2	5.0	5.4	6.9	8.5	8.6	8.4	8.2	7.9	85.9
1982	7.1	6.9	6.9	6.9	6.1	5.3	6.8	8.6	9.0	8.3	8.2	7.7	87.8
1983	7.0	7.1	7.3	6.2	5.4	6.3	7.1	8.5	8.9	8.7	8.5	8.0	89.0
1984	7.3	6.7	6.6	5.9	5.3	6.0	7.4	9.5	9.4	8.8	8.2	7.2	88.3
1985	7.1	6.9	7.0	6.7	5.5	6.1	7.4	9.1	9.3	8.1	8.0	7.7	88.9
1986	7.3	7.3	7.2	6.3	5.5	5.8	6.9	8.6	9.6	8.6	8.4	7.8	89.3
1987	7.0	6.7	7.0	6.5	5.4	6.4	6.9	7.9	9.2	8.6	8.4	7.9	87.9
1988	7.4	6.4	6.4	5.8									

Table 45. MILKFAT: Average Test of Milk Sold by Dairy Farmers, by Months, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						Percent							
1978	3.65	3.64	3.64	3.62	3.61	3.54	3.47	3.49	3.56	3.67	3.70	3.70	3.61
1979	3.68	3.71	3.68	3.66	3.62	3.51	3.49	3.50	3.56	3.65	3.67	3.67	3.62
1980	3.64	3.67	3.68	3.62	3.57	3.52	3.50	3.50	3.56	3.69	3.74	3.72	3.61
1981	3.71	3.65	3.63	3.62	3.60	3.52	3.49	3.51	3.57	3.70	3.68	3.68	3.61
1982	3.69	3.65	3.65	3.63	3.58	3.52	3.48	3.50	3.57	3.66	3.69	3.69	3.62
1983	3.67	3.66	3.65	3.65	3.63	3.54	3.50	3.52	3.53	3.66	3.74	3.73	3.62
1984	3.73	3.68	3.71	3.68	3.66	3.57	3.53	3.52	3.62	3.70	3.76	3.75	3.66
1985	3.74	3.73	3.72	3.69	3.62	3.57	3.54	3.54	3.60	3.68	3.75	3.75	3.66
1986	3.73	3.72	3.72	3.67	3.62	3.57	3.55	3.57	3.66	3.73	3.78	3.76	3.67
1987	3.72	3.72	3.70	3.65	3.59	3.51	3.50	3.51	3.64	3.74	3.78	3.73	3.65
1988	3.73	3.73	3.73	3.69									

Table 46. CHEESE: Production, by Months, 1978-1987

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
TOTAL AMERICAN *(Thousand pounds)*													
1978	5,888	6,570	7,160	7,936	9,055	8,686	7,485	6,416	6,154	5,464	4,830	6,122	81,766
1979	7,068	6,954	7,619	8,383	9,462	9,029	8,716	7,280	6,464	6,579	5,567	4,551	87,672
1980	5,561	6,115	6,330	7,253	8,144	7,826	7,226	5,780	5,682	5,544	4,810	5,259	75,530
1981	5,964	5,955	6,081	7,662	8,597	8,550	6,911	5,667	4,675	5,129	4,385	5,038	74,614
1982	5,958	6,180	7,218	6,921	7,442	7,519	6,699	5,975	6,044	5,861	5,200	6,293	77,310
1983	7,217	6,325	6,899	7,296	7,851	8,228	6,938	7,259	6,389	6,747	6,038	6,483	83,670
1984	6,676	6,767	6,931	6,569	7,451	7,386	6,510	6,062	5,278	5,314	4,922	6,262	76,128
1985	7,368	6,889	6,796	7,497	8,226	7,563	7,575	7,509	5,559	5,702	5,629	6,185	82,498
1986	6,986	6,424	6,900	7,889	7,929	7,680	6,927	5,874	5,637	5,220	5,197	5,720	78,383
1987	6,457	6,515	7,478	8,169	9,237	8,496	8,200	6,529	5,891	5,961	5,668	6,949	85,550
TOTAL ITALIAN *(Thousand pounds)*													
1978	10,438	9,506	12,225	9,771	10,513	9,685	9,285	10,673	10,283	10,800	11,435	12,341	126,955
1979	11,704	10,835	13,244	13,188	12,139	11,592	10,340	11,186	10,219	11,653	11,285	13,165	140,550
1980	13,311	12,638	15,152	11,443	12,194	12,253	11,793	12,790	13,878	13,902	14,448	16,665	160,467
1981	13,764	13,199	16,039	13,763	12,603	12,926	11,992	12,440	14,173	14,557	14,425	16,327	166,208
1982	13,760	13,669	17,817	14,433	14,021	14,076	13,183	13,649	14,679	16,951	17,702	17,118	181,058
1983	15,211	16,577	19,268	14,732	16,504	16,653	14,349	17,386	18,444	21,375	21,861	20,679	213,039
1984	19,615	18,774	22,450	21,789	20,388	19,337	17,338	19,040	20,116	22,164	20,912	22,512	244,435
1985	20,016	19,820	23,355	22,231	22,285	20,932	20,829	20,243	20,842	23,827	21,815	23,889	260,084
1986	23,116	23,233	27,072	23,865	24,584	22,685	22,603	22,714	23,595	24,603	23,695	24,249	286,014
1987	21,856	22,133	25,699	25,358	24,753	25,059	23,341	23,595	23,989	25,118	24,008	24,876	289,785
TOTAL CHEESE EXCLUDING COTTAGE *(Thousand pounds)*													
1978	21,581	20,340	27,919	22,300	24,280	24,656	20,982	22,830	23,570	24,164	25,524	24,781	282,927
1979	23,879	21,916	29,590	26,577	26,682	27,638	23,626	24,157	23,432	26,139	25,148	25,616	304,400
1980	24,841	23,815	28,510	25,236	25,560	27,631	24,043	23,584	26,685	28,988	28,090	32,596	319,579
1981	25,051	23,610	30,362	28,784	28,325	29,053	24,782	24,145	27,675	27,232	28,665	32,456	330,140
1982	27,227	25,385	33,169	28,775	28,273	30,516	28,048	26,984	29,578	32,200	31,827	35,927	357,909
1983	29,284	29,802	35,899	30,191	31,444	34,818	28,197	31,213	33,481	35,453	39,266	39,223	398,271
1984	34,165	32,117	37,382	36,603	36,200	34,870	31,337	33,197	32,853	38,131	37,276	39,355	423,486
1985	33,845	33,749	39,212	37,630	38,727	36,908	36,955	34,582	36,054	41,168	39,438	40,758	449,026
1986	38,667	37,416	43,995	41,421	42,333	39,363	39,124	37,240	40,619	42,277	39,760	42,002	484,217
1987	37,013	38,012	43,630	42,558	43,744	44,561	40,818	40,836	41,182	43,327	41,426	43,889	500,996
CREAMED COTTAGE CHEESE *(Thousand pounds)*													
1978	10,254	10,022	10,970	10,803	12,551	11,451	11,309	11,509	11,172	10,507	9,978	9,120	129,646
1979	10,902	9,519	11,734	10,886	12,493	11,428	10,991	11,037	9,956	10,490	9,325	8,668	127,429
1980	9,923	9,835	10,323	10,636	10,623	10,219	11,650	10,179	9,660	9,101	8,005	7,578	117,732
1981	8,799	8,684	10,131	9,302	9,277	9,513	9,863	9,878	9,004	8,545	8,000	7,217	108,213
1982	8,561	8,612	9,933	9,431	10,076	9,682	9,641	9,277	8,688	8,038	7,535	7,456	106,930
1983	8,251	7,866	8,672	8,153	8,824	9,004	9,188	9,170	8,759	8,136	7,581	7,612	101,216
1984	8,745	9,029	9,706	9,637	9,492	10,440	9,678	9,359	9,108	8,272	7,845	7,070	108,381
1985	8,427	8,033	9,095	9,315	9,973	9,177	9,657	9,620	8,667	8,662	7,173	6,946	104,745
1986	8,333	8,112	8,624	9,537	9,618	9,046	8,938	9,024	7,938	8,032	7,055	6,955	101,212
1987	7,777	7,582	8,658	7,796	8,022	8,549	7,821	7,451	7,163	6,591	6,105	6,442	89,957
LOWFAT COTTAGE CHEESE *(Thousand pounds)*													
1978	1,638	1,275	1,960	1,547	2,041	1,959	1,547	1,786	1,906	1,516	1,175	1,395	19,745
1979	1,519	1,494	2,005	1,541	1,679	1,700	1,799	1,630	1,568	1,397	1,383	1,093	18,808
1980	1,859	2,202	1,870	2,226	3,514	2,553	2,403	2,643	2,518	2,588	1,776	2,056	28,208
1981	2,657	3,215	3,942	3,848	3,511	3,747	3,795	3,386	3,351	3,297	2,738	2,756	40,243
1982	2,922	3,667	4,244	3,944	3,772	4,095	4,004	3,747	3,471	3,195	2,991	2,753	42,805
1983	3,412	3,441	3,396	3,580	3,935	3,545	3,568	3,671	3,309	2,974	2,693	2,531	40,055
1984	3,279	3,436	3,691	3,579	4,028	4,331	3,950	4,119	3,028	3,487	2,827	2,838	42,593
1985	3,487	3,565	4,237	3,895	4,773	4,220	3,980	4,525	4,224	4,361	3,412	3,225	47,904
1986	3,952	4,614	4,228	4,686	5,439	5,344	4,958	5,064	4,570	4,694	3,924	4,126	55,599
1987	4,759	5,191	5,212	4,862	4,943	5,352	5,008	4,767	4,339	4,468	3,670	4,012	56,583

Table 47. CHEESE: Production, by Type, 1978-1987

Year	American Type Cheese			Italian Cheese			
	Cheddar	Other American 1/	Total American	Mozzarella	Ricotta	Other Italian 2/	Total Italian
	Thousand pounds						
1978	77,229	4,537	81,766	82,885	43,683	387	126,955
1979	81,916	5,756	87,672	91,153	47,749	1,648	140,550
1980	71,140	4,390	75,530	105,084	49,148	6,235	160,467
1981	68,174	6,440	74,614	106,689	49,894	9,625	166,208
1982	71,739	5,571	77,310	117,186	53,529	10,343	181,058
1983	78,542	5,128	83,670	138,210	62,274	12,555	213,039
1984	70,646	5,482	76,128	149,433	75,835	19,167	244,435
1985	76,315	6,183	82,498	158,042	78,764	23,278	260,084
1986	74,599	3,784	78,383	178,442	85,445	22,210	286,097
1987	82,283	3,267	85,550	179,723	86,141	23,921	289,785

Year	Cream cheese	Farmers' cheese	Other cheese excluding cottage 3/	Total cheese excluding cottage	Cottage Cheese		
					Creamed 4/	Lowfat 5/	Curd 6/
	Thousand pounds						
1978	61,244	5,750	7,212	282,927	129,646	19,745	102,147
1979	60,013	5,541	10,624	304,400	127,429	18,808	104,301
1980	65,102	5,808	12,672	319,579	117,732	28,208	105,778
1981	69,116	5,458	14,744	330,140	108,213	40,243	97,582
1982	77,659	5,508	16,374	357,909	106,930	42,805	101,296
1983	80,269	5,438	15,855	398,271	101,216	40,055	96,766
1984	80,433	5,052	17,438	423,486	108,381	42,593	103,365
1985	83,142	5,274	18,028	449,026	104,745	47,904	103,898
1986	95,671	5,132	19,017	484,300	101,212	55,599	104,438
1987	99,707	5,014	20,940	500,996	89,957	56,583	96,701

1/ Includes Colby, washed curd, stirred curd, Monterey, and Jack.
2/ Includes Provolone, Romano, and other hard and soft types.
3/ Includes Swiss, Brick, Neufchatel, Muenster, and other varieties of cheese.
4/ Milkfat content 4.0 percent or more.
5/ Milkfat content from 0.5 percent to 2.0 percent.
6/ Mostly used for processing into fully creamed or lowfat cottage cheese.
Cottage cheese curd, lowfat, and creamed should not be added together to obtain total production.

Table 48. CONDENSED AND DRIED MILK: Production, by Type, 1978-1987

Year	Unsweetened Condensed Milk		Dry buttermilk	Nonfat Dry Milk			Dry Whey		
	Whole milk	Skim milk		Human consumption	Animal feed	Total	Human consumption	Animal feed	Total
	Thousand pounds								
1978	37,522	88,838	1,228	44,303	362	44,665	27,367	8,679	36,046
1979	44,377	84,797	889	42,152	428	42,580	38,323	19,183	57,506
1980	35,366	59,057	1,757	56,789	902	57,691	46,467	23,508	69,975
1981	52,412	60,503	3,021	56,343	678	57,021	56,038	30,559	86,597
1982	52,632	49,465	2,059	48,473	470	48,943	57,375	30,407	87,782
1983	45,120	64,163	2,094	82,811	837	83,648	51,558	38,286	89,844
1984	32,017	67,271	1,547	48,252	1,194	49,446	54,842	22,661	77,503
1985	38,538	64,218	1,686	58,065	822	58,887	70,983	27,890	98,873
1986	38,405	62,701	1,337	51,625	849	52,474	77,397	16,264	93,661
1987	44,488	61,681	1/	22,731	374	23,105	82,786	15,990	98,776

1/ Not published to avoid disclosure of individual operations.

Table 49. DAIRY PRODUCTS: Production, by Months, 1978-1987

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
BUTTER *(Thousand pounds)*													
1978	4,313	3,842	3,135	4,975	4,008	4,276	2,648	1,427	1,453	1,822	1,401	1,931	35,231
1979	3,549	3,329	3,438	4,774	4,885	3,460	2,089	1,629	1,802	2,493	2,246	2,125	35,851
1980	4,924	4,736	4,305	6,400	7,404	4,971	3,356	1,905	1,444	2,631	2,229	2,730	47,035
1981	6,141	5,870	5,304	6,161	6,443	4,839	2,337	2,327	2,117	2,722	1,741	2,496	48,498
1982	5,378	4,685	4,595	4,966	4,259	3,784	2,241	1,975	2,107	3,001	2,636	3,256	42,883
1983	6,310	5,788	5,811	6,163	5,755	4,346	2,803	2,495	2,279	2,525	2,384	3,379	50,038
1984	6,590	5,276	4,750	4,438	4,020	2,607	1,700	1,516	1,474	2,448	1,596	2,586	39,001
1985	4,741	4,299	3,967	4,589	4,615	3,000	2,617	2,241	2,042	3,827	2,445	3,501	41,884
1986	6,318	4,783	4,419	5,319	4,650	3,207	2,134	1,824	1,927	2,104	1,751	2,105	40,541
1987	3,260	2,748	2,996	3,392	3,257	1,801	1,450	1,340	1,580	1,619	1,404	1,992	26,839
UNSWEETENED CONDENSED SKIM MILK *(Thousand pounds)*													
1978	5,495	7,785	9,048	12,147	9,044	10,055	9,249	6,354	4,270	5,182	4,724	5,485	88,838
1979	5,438	6,567	7,127	9,277	9,688	8,933	8,153	8,052	6,543	6,008	4,316	4,695	84,797
1980	4,425	4,448	5,046	4,735	6,050	6,204	5,413	5,375	4,657	4,166	4,510	4,028	59,057
1981	4,813	4,449	5,505	5,873	6,241	5,894	6,121	5,471	4,524	4,161	3,422	4,029	60,503
1982	3,889	3,687	4,864	4,599	5,389	4,895	3,703	3,726	3,501	4,193	3,599	3,420	49,465
1983	4,201	4,230	5,515	5,462	6,373	6,687	6,259	6,374	5,265	6,176	3,758	3,863	64,163
1984	5,591	5,437	5,953	6,174	7,891	7,058	4,897	4,699	4,960	5,324	4,558	4.729	67,271
1985	5,462	4,371	6,466	5,500	6,555	6,630	5,438	6,163	4,693	4,660	4,171	4,109	64,218
1986	4,219	4,587	5,490	6,769	6,926	6,631	6,124	5,651	4,474	4,228	3,734	3,868	62,701
1987	4,686	5,412	4,859	5,031	6,436	5,329	5,399	6,113	4,963	4,543	3,788	5,122	61,681
TOTAL NONFAT DRY MILK *(Thousand pounds)*													
1978	3,917	3,733	4,803	6,645	6,109	8,308	4,998	2,178	843	203	787	2,141	44,665
1979	1,749	2,231	4,272	6,030	7,691	6,562	3,561	2,681	1,292	1,670	1,776	3,065	42,580
1980	4,488	3,985	3,296	7,916	10,392	9,595	6,787	3,741	762	1,743	1,482	3,504	57,691
1981	3,965	4,647	4,783	7,705	9,374	9,817	5,587	4,063	1,914	1,039	839	3,288	57,021
1982	3,507	3,472	3,830	5,928	7,854	7,333	5,171	1,941	1,541	1,796	1,822	4,748	48,943
1983	6,209	6,807	8,977	9,535	10,035	10,668	8,768	5,398	3,986	3,201	3,715	6,359	83,648
1984	6,914	6,214	6,107	6,423	6,680	5,510	3,968	2,146	1,001	687	689	3,107	49,446
1985	3,367	3,425	3,711	5,795	8,146	7,916	6,083	4,725	2,385	4,156	3,648	5,530	58,887
1986	6,704	4,921	5,561	7,189	8,818	7,056	4,438	2,171	1,345	836	1,013	2,422	52,474
1987	2,110	1,420	2,165	4,433	4,881	3,215	1,521	827	351	328	318	1,536	23,105
ICE CREAM *(Thousand gallons)*													
1978	3,646	4,026	5,135	4,784	5,577	6,735	6,421	6,477	5,898	4,357	4,062	4,116	61,234
1979	4,236	4,397	5,107	5,087	5,159	6,100	5,653	6,221	5,911	5,119	4,412	4,501	61,903
1980	4,154	4,664	5,592	5,042	3,821	4,384	5,655	5,880	5,681	4,845	3,770	4,383	57,871
1981	3,809	4,263	5,341	4,773	5,061	6,724	6,762	6,705	5,776	4,845	4,318	5,360	63,737
1982	3,455	4,209	5,698	4,609	5,250	7,002	6,157	6,244	6,437	4,341	4,388	4,536	62,326
1983	3,709	4,048	5,367	4,003	3,934	5,176	4,543	4,522	4,575	3,493	3,074	3,403	49,847
1984	2,991	3,073	4,649	3,686	4,386	4,814	4,659	4,783	4,011	3,532	3,017	2,865	46,466
1985	3,196	3,106	3,989	3,601	4,700	4,894	4,786	4,844	4,324	3,666	2,970	2,358	46,434
1986	3,202	3,273	3,514	3,757	4,847	4,805	4,669	5,184	4,021	4,198	3,024	2,962	47,456
1987	3,083	3,697	3,722	4,257	4,404	5,044	5,027	4,816	4,001	3,058	2,623	3,252	46,984
ICE MILK *(Thousand gallons)*													
1978	590	604	986	809	1,039	1,218	1,295	1,306	991	745	622	664	10,869
1979	628	692	848	779	943	1,117	1,040	1,066	984	794	530	594	10,015
1980	558	627	793	837	837	944	1,114	1,154	913	783	573	610	9,743
1981	516	618	696	745	989	1,020	1,047	1,031	740	672	560	529	9,163
1982	474	585	829	712	857	1,008	831	875	698	611	521	395	8,396
1983	463	581	748	695	679	745	839	828	683	521	468	409	7,659
1984	700	717	894	929	1,075	1,119	1,070	1,164	789	715	610	527	10,309
1985	418	448	599	668	756	747	851	758	582	504	433	362	7,126
1986	691	540	804	1,317	1,544	1,487	1,488	1,256	903	773	588	494	11,885
1987	755	916	1,140	1,049	1,126	1,276	1,343	1,117	823	785	748	794	11,872

Table 50. FROZEN DESSERTS AND MIXES: Production, by Type, 1978-1987

Year	Ice Cream	Ice Milk 1/	Milk Sherbet 1/	Water Ices 2/	Mixes		
					Ice Cream	Ice Milk 3/	Sherbet
	Thousand gallons						
1978	61,234	10,869	2,774	1,583	33,638	7,479	1,984
1979	61,903	10,015	2,541	1,692	33,972	6,901	1,809
1980	57,871	9,743	2,271	1,846	31,334	6,888	1,623
1981	63,737	9,163	2,619	3,554	34,998	6,955	1,785
1982	62,326	8,396	2,678	2,526	34,009	6,878	1,758
1983	49,847	7,659	2,206	1,906	27,356	6,068	1,561
1984	46,466	10,309	2,425	2,426	25,563	5,509	1,670
1985	46,434	7,126	3,213	3,161	25,565	3,854	2,181
1986	47,456	11,885	3,485	3,765	26,209	3,968	2,431
1987	46,984	11,872	4,009	5,214	25,398	3,562	2,816

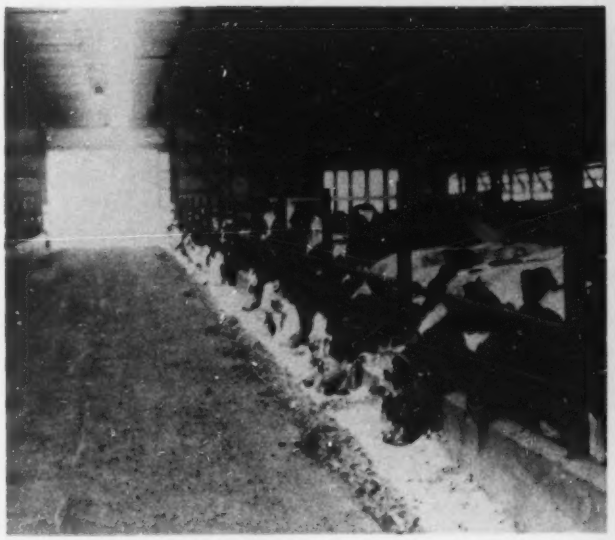
1/ Includes hard, soft-serve, and freezer-made milkshake.
2/ Does not include counter-freezer production.
3/ Includes milkshake mix.

Table 51. DAIRY: Plants Manufacturing Specified Products, 1978-1987

Year	Total cheese				Butter	Condensed skim milk (unsweetened)	Nonfat dry milk	Ice cream (hard)	Water ices	Plants making one or more dairy products
	American	Italian	Excluding cottage	Cottage						
	Number									
1978	16	28	49	18	24	14	13	73	28	174
1979	15	25	47	18	22	11	12	68	25	176
1980	17	22	45	16	20	15	12	65	25	164
1981	15	23	45	16	21	14	12	56	26	147
1982	14	22	41	16	21	11	10	62	24	149
1983	14	24	44	16	21	11	11	70	30	164
1984	16	23	43	14	18	12	9	74	30	171
1985	14	22	43	13	16	13	10	76	28	166
1986	13	21	39	13	15	14	9	73	39	159
1987	12	21	37	14	18	14	9	67	37	153

Table 52. MILK COW OPERATIONS: By Herd Size, 1978-1987

Year	Number of milk cows in herd					
	1-9	10-29	30-49	50-99	100 plus	Total
	Number of operations					
1978	3,500	3,100	6,200	5,900	1,300	20,000
1979	3,500	3,100	5,900	5,700	1,300	19,500
1980	3,200	2,880	5,420	6,080	1,420	19,000
1981	3,300	2,620	5,180	5,920	1,480	18,500
1982	3,150	2,500	4,900	5,800	1,650	18,000
1983	3,100	2,400	5,000	5,750	1,750	18,000
1984	3,050	2,350	4,900	5,350	1,850	17,500
1985	2,700	2,300	4,550	5,100	1,850	16,500
1986	2,300	2,000	4,300	5,300	1,900	15,800
1987	1,700	1,600	4,300	5,000	1,900	14,500



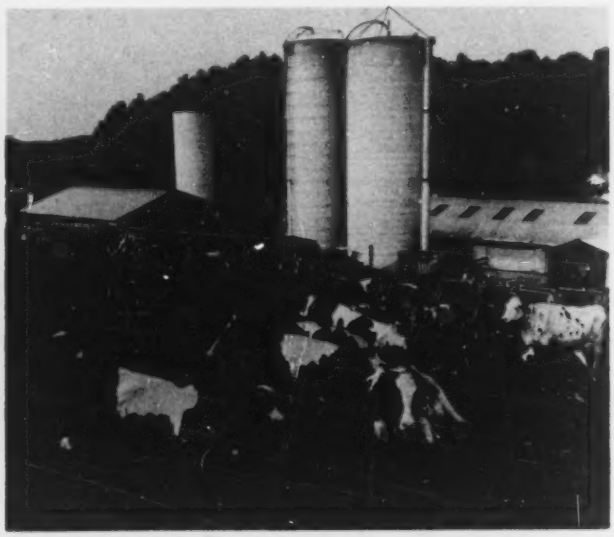
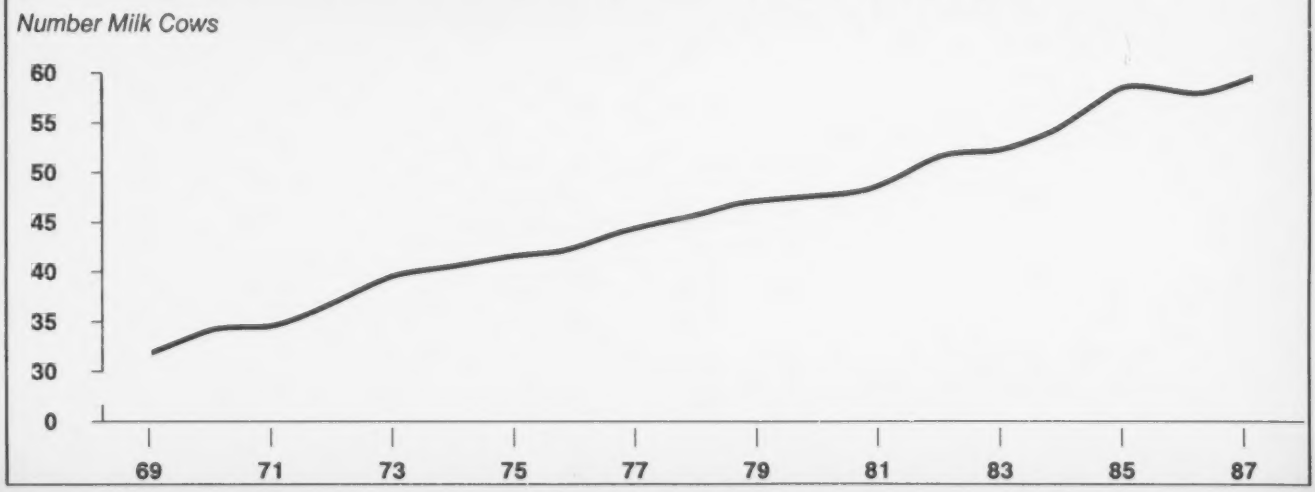


Table 53. MILK COWS JANUARY 1: Inventory by Herd Size, 1979-1988

Year	Number of milk cows in herd					
	1-9	10-29	30-49	50-99	100 plus	Total
	Thousand head					
1979	11	64	239	390	200	904
1980	9	64	237	398	202	910
1981	8	52	226	405	224	915
1982	8	52	211	405	244	920
1983	9	52	205	410	256	932
1984	8	49	212	405	269	943
1985	8	50	210	382	292	942
1986	9	51	205	388	315	968
1987	5	39	177	374	305	900
1988	3	30	177	344	290	844

Figure 2. AVERAGE NUMBER OF MILK COWS PER HERD, 1969-1987



LIVESTOCK AND POULTRY

Table 54. CATTLE AND CALF OPERATIONS: by Herd Size, 1978-1987

Year	Herd size			
	1-49	50-99	100 plus	Total
	Number of operations			
1978	21,000	8,500	4,400	34,000
1979	20,800	7,860	4,340	33,000
1980	18,900	8,300	4,800	32,000
1981	19,100	7,600	5,300	32,000
1982	19,800	7,530	5,670	33,000
1983	20,400	7,100	5,500	33,000
1984	19,600	6,500	4,900	31,000
1985	18,000	6,300	4,700	29,000
1986	16,500	5,900	4,600	27,000
1987	15,000	5,400	4,600	25,000

Table 55. CATTLE AND CALVES JANUARY 1: by Herd Size, 1979-1988

Year	Herd size				
	1-49	50-99	100-499	500 plus	Total
	Thousand head				
1979	313	616	753	29	1,711
1980	338	625	783	34	1,780
1981	313	599	881	38	1,831
1982	318	610	959	42	1,929
1983	335	589	1,017	54	1,995
1984	346	589	1,028	57	2,020
1985	400	540	980	80	2,000
1986	374	526	979	91	1,970
1987	334	488	936	96	1,854
1988	271	432	919	80	1,702

LIVESTOCK

New York livestock producers marketed 425 million pounds of meat animals during 1987, up three percent from the 1986 total. Cash receipts, totaling $212 million, were up 27 percent from 1986. Cattle and calf marketings were up slightly while marketings of hogs, sheep and lambs showed large increases over last year's sales.

Gross income from livestock during 1987, which includes the sale of meat animals, wool and the value of home consumption, totaled $222 million, up 27 percent from a year earlier. Cattle and calves accounted for 89 percent of this total, hogs and pigs 10 percent, and sheep one percent.

Calf prices averaged $77.50 per 100 pounds liveweight in 1987, up 34 percent from a year earlier. Cattle prices, at $41.40 per 100 pounds liveweight, increased 21 percent from the previous year. Slightly higher cattle and calf marketings plus higher prices contributed to a 26 percent increase in gross income to a total of $198 million for all cattle and calves.

Hog and pig prices averaged $49.10 per 100 pounds liveweight through 1987, up four percent from the prior year. Hog marketings incrased 32 percent which increased gross income to $21.2 million, up 34 percent from 1986.

Sheep and lamb marketings at 3.61 million pounds during 1987 increased 25 percent compared with 1986. Sheep prices rose 13 percent to $30.10 per 100 pounds liveweight, while lamb prices moved up seven percent to $76.50 per 100 pounds liveweight.

Table 56. CATTLE AND CALVES: Number on Farms, January 1, Inventory Value and Value per Head, 1978-1988

Year	Cows & heifers that have calved		Heifers 500 lbs. & over			Bulls 500 lbs. & over	Steers 500 lbs. & over	Calves less than 500 lbs.	Cattle & calves on feed	All cattle and calves		
	Kept for milk	Kept for beef	For milk replacement	For beef replacement	Other heifers					Number	Value per head	Total value
	Thousands									Thous.	Dol.	Thous. dol.
1978	915	85	341	30	33	28	39	289	11	1,760	390	686,400
1979	904	75	339	17	41	22	22	291	11	1,711	600	1,026,600
1980	910	87	356	27	36	23	28	313	8	1,780	805	1,432,900
1981	915	110	348	27	37	22	35	337	13	1,831	815	1,492,265
1982	920	100	403	28	37	24	36	381	12	1,929	705	1,359,945
1983	932	93	435	26	41	26	35	407	10	1,995	640	1,276,800
1984	943	97	428	30	35	27	40	420	9	2,020	535	1,080,700
1985	942	88	440	30	40	24	36	400	10	2,000	555	1,110,000
1986	968	87	430	24	40	22	36	363	10	1,970	520	1,024,400
1987	900	100	386	35	46	21	37	329	17	1,854	550	1,019,700
1988	844	112	291	26	61	19	43	306	22	1,702	665	1,131,830

Table 57. CATTLE AND CALVES: Production, Disposition, and Income, 1978-1987

Year	Inventory January 1	Calf crop	Inship-ments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income 1/
				Cattle	Calves		Cattle	Calves		
	Thousands									Thous. dol.
1978	1,760	910	17	245	606	10	30	85	1,711	148,112
1979	1,711	920	20	194	543	10	31	93	1,780	182,376
1980	1,780	950	22	226	537	9	33	116	1,831	189,143
1981	1,831	930	21	225	481	11	38	98	1,929	162,165
1982	1,929	930	16	235	505	11	36	93	1,995	153,055
1983	1,995	940	14	238	540	13	38	100	2,020	152,965
1984	2,020	940	15	257	575	12	36	95	2,000	173,517
1985	2,000	950	15	250	604	10	36	95	1,970	157,027
1986	1,970	910	14	256	640	9	40	95	1,854	157,256
1987	1,854	880	14	255	656	8	40	87	1,702	197,916

1/ Value of marketings and home consumption.

Table 58. PASTURE: Condition on First of Month, 1978-1987

80 and over, Good to Excellent; 65-79, Poor to Fair;
50-64, Very Poor; 35-49, Severe Drought

Year	May	June	July	August	September	October	November
1978	75	85	91	68	74	81	85
1979	85	92	89	68	72	84	86
1980	86	91	86	82	79	83	79
1981	86	88	92	85	87	91	86
1982	80	83	90	78	77	73	76
1983	81	88	86	64	71	72	81
1984	87	91	89	85	81	84	83
1985	87	84	83	77	63	75	81
1986	86	87	89	89	92	89	88
1987	91	84	83	84	80	88	88

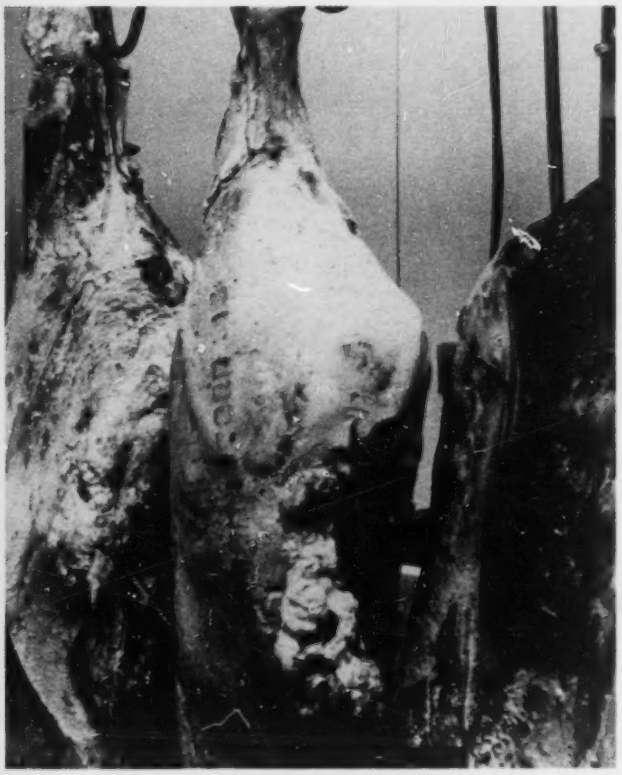


Table 59. CATTLE AND CALVES: Commercial Slaughter, 1978-1987

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
CATTLE			
1978	322.1	1,128	363,266
1979	245.9	1,122	275,934
1980	241.5	1,139	275,170
1981	275.6	1,145	315,633
1982	256.3	1,119	286,756
1983	259.0	1,141	295,610
1984	245.9	1,164	286,126
1985	207.5	1,178	244,444
1986	218.9	1,178	257,805
1987	189.3	1,173	222,144
CALVES			
1978	895.2	135	120,989
1979	657.0	143	94,208
1980	578.1	151	87,118
1981	635.8	151	95,893
1982	674.1	145	97,725
1983	635.8	146	92,536
1984	631.6	145	91,627
1985	572.8	138	79,225
1986	523.9	135	70,875
1987	470.5	142	66,993

Table 60. CATTLE AND CALVES: Commercial Slaughter, Number of Head, by Months, 1978-1987

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
							Thousands						
CATTLE													
1978	30.1	28.9	29.9	26.0	27.8	26.1	22.1	26.5	25.4	28.5	27.0	23.8	322.1
1979	24.3	17.1	20.4	18.5	21.3	18.6	18.4	21.2	18.3	22.6	23.3	21.8	245.9
1980	24.0	19.3	18.7	19.9	18.2	17.2	18.7	19.7	20.5	23.9	20.1	21.5	241.5
1981	21.4	19.1	21.2	23.0	20.9	22.6	24.2	23.4	26.0	27.8	23.8	22.3	275.6
1982 2/			58.6			57.8			63.2			76.8	256.3
1983	22.4	20.0	24.3	22.6	21.2	19.4	17.9	21.3	20.8	21.8	23.0	24.4	259.0
1984	23.1	20.3	21.7	19.1	21.6	19.3	18.9	22.3	19.2	23.9	19.4	17.0	245.9
1985	17.6	16.0	16.8	17.0	17.7	14.9	16.3	17.7	16.0	20.5	18.8	18.1	207.5
1986	18.4	15.5	16.0	19.7	19.0	16.8	18.5	18.1	17.8	21.6	18.0	19.4	218.9
1987	17.3	15.0	15.0	15.2	14.6	15.2	15.8	14.8	15.8	16.7	15.7	18.2	189.3
CALVES													
1978	75.1	71.9	107.3	91.4	73.2	62.1	61.6	76.7	71.0	72.8	66.7	65.3	895.2
1979	59.4	48.5	67.4	55.6	50.2	44.9	48.8	61.2	52.7	58.3	58.6	51.4	657.0
1980	54.5	45.6	56.5	49.0	36.3	34.7	42.6	44.5	49.6	57.4	50.4	56.9	578.1
1981	51.4	47.6	60.4	55.1	39.8	44.2	52.9	49.9	56.6	60.6	54.0	63.4	635.8
1982 2/			176.0			145.2			166.1			186.9	674.1
1983	47.4	42.6	60.5	43.7	38.8	45.2	47.9	63.2	62.3	58.6	63.5	62.1	635.8
1984	52.8	48.6	61.4	48.9	47.4	42.1	52.2	63.0	51.2	59.8	56.2	48.0	631.6
1985	50.2	43.9	52.5	48.5	42.2	35.8	48.8	51.5	50.3	53.5	46.4	49.2	572.8
1986	47.3	42.8	49.4	45.9	35.2	32.5	45.1	46.9	46.0	46.7	41.1	44.9	523.9
1987	39.6	37.2	49.7	38.5	28.4	32.1	40.7	37.1	41.4	43.5	38.2	44.2	470.5

1/ May not add due to rounding.
2/ Quarterly slaughter January-March, April-June, July-September, and October-December.

Table 61. HOGS AND PIGS: Number on Farms, Inventory Value and Value per Head, December 1, 1978-1987

Year	Hogs and pigs for breeding	Hogs & Pigs for Market					All Hogs & Pigs		
		Total	Under 60 lbs.	60-119 lbs.	120-179 lbs.	180 + lbs.	Number	Value per head	Total value
	Thousands						Thousands	Dollars	Thous. dol.
1978	22	119	40	32	20	18	140	77.00	10,780
1979	21	118	30	53	19	16	139	50.50	7,020
1980	25	150	63	36	32	19	175	64.50	11,288
1981	22	143	51	40	35	17	165	72.50	11,963
1982	18	111	45	27	23	16	129	78.50	10,127
1983	19	114	46	28	24	16	133	68.50	9,111
1984	17	122	47	34	21	20	139	74.50	10,356
1985	17	113	37	29	27	20	130	86.00	11,180
1986	17	111	38	26	25	22	128	100.00	12,800
1987	17	107	41	29	20	17	124	87.50	10,850

Table 62. HOGS AND PIGS: Number of Operations, Production, Disposition, and Income, 1978-1987

Year	Operations with hogs	Inventory Dec. 1 preceding	Pig crop	Inship-ments	Marketings	Farm slaughter	Deaths	Inventory Dec. 1	Gross income 1/
	Thousands								Thous. dol.
1978	6.6	125	217	2	179	8	17	140	19,220
1979	6.9	140	201	3	177	10	18	139	19,881
1980	6.6	139	220	2	156	10	20	175	14,779
1981	6.5	175	202	1	190	8	15	165	19,970
1982	5.5	165	177	1	193	7	14	129	24,008
1983	6.0	129	186	8	167	8	15	133	18,263
1984	5.7	133	200	5	177	7	15	139	19,240
1985	5.4	139	177	1	161	7	19	130	16,117
1986	4.8	130	158	2	142	6	14	128	15,811
1987	4.6	128	201	2	183	6	18	124	21,218

1/ Value of marketings and home consumption.

Table 63. HOG AND PIG OPERATIONS: by Herd Size, 1983-1987

Number of hogs in herd	Operations				
	1983	1984	1985	1986	1987
	Number				
1-49	5,610	5,320	5,020	4,460	4,230
50-99	180	170	160	150	170
100 plus	210	210	220	190	200
TOTAL	6,000	5,700	5,400	4,800	4,600

Table 64. HOGS AND PIGS DECEMBER 1: by Herd Size, 1983-1987

Number of hogs in herd	Inventory				
	1983	1984	1985	1986	1987
	Thousand head				
1-49	35	39	33	32	29
50-99	14	15	13	13	12
100 plus	84	85	84	83	83
TOTAL	133	139	130	128	124

Table 65. HOGS AND PIGS: Commercial Slaughter, 1978-1987

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
1978	309.3	229	70,827
1979	339.0	229	77,651
1980	361.8	231	83,496
1981	218.8	230	50,366
1982	55.3	226	12,512
1983	65.8	227	14,932
1984	66.2	230	15,224
1985	83.2	232	19,336
1986	89.9	236	21,261
1987	60.9	233	14,174

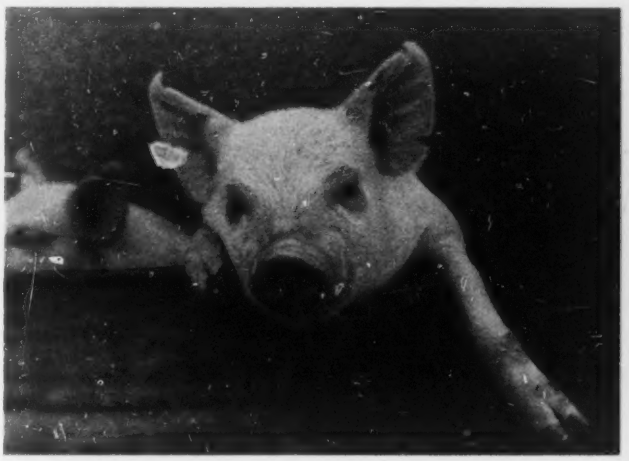


Table 66. HOGS AND PIGS: Commercial Slaughter, Number of Head, by Months, 1978-1987

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
						Thousands							
1978	27.3	25.8	29.0	26.4	26.0	24.0	21.1	24.8	24.2	26.9	26.9	26.9	309.3
1979	27.0	25.6	25.1	21.4	27.0	24.4	25.1	32.0	29.6	34.9	34.0	32.9	339.0
1980	37.9	31.0	30.4	32.7	34.8	30.9	34.3	24.9	28.4	28.8	24.6	23.2	361.8
1981	27.6	22.8	25.3	23.6	20.5	20.6	20.2	21.0	14.6	7.5	7.1	8.1	218.8
1982 2/			15.0			13.0			11.8			15.5	55.3
1983	4.8	4.3	4.9	4.6	4.6	5.3	4.7	6.1	5.8	6.8	6.7	7.1	65.8
1984	5.7	4.5	5.2	4.7	5.6	5.0	4.8	5.8	5.3	7.2	6.5	5.8	66.2
1985	5.2	4.4	4.3	4.8	4.5	4.1	5.6	7.9	8.6	10.8	10.5	12.5	83.2
1986	10.6	8.4	9.5	11.1	10.7	8.4	4.3	4.2	4.2	5.0	5.1	8.7	89.9
1987	7.0	4.4	4.4	4.4	4.4	4.3	4.6	4.5	5.5	5.5	5.4	6.6	60.9

1/ May not add due to rounding.
2/ Quarterly Slaughter January-March, April-June, July-September, and October-December.

Table 67. SHEEP AND LAMBS: Number on Farms, Inventory Value and Value per Head, January 1, 1978-1988

Year	All stock sheep	Ewes 1 yr. & older	Rams 1 yr. & older	Ewe lambs	Wether & ram lambs	All Sheep and Lambs		
						Number	Value per head	Total value
	Thousands					Thousands	Dollars	Thous. dol.
1978	58	45	2	8	3	66	47.50	3,135
1979	53	42	2	10	9	63	58.00	3,654
1980	65	43	2	12	8	65	70.50	4,583
1981	69	45	2	14	8	69	73.00	5,037
1982	70	49	2	12	7	70	70.50	4,935
1983	66	46	2	12	6	66	71.00	4,686
1984	61	42	2	11	6	61	67.00	4,087
1985	59	42	2	10	5	59	80.00	4,720
1986	55	40	3	8	4	55	79.50	4,373
1987	64	40	2	15	7	64	78.00	4,992
1988	63	42	2	12	7	63	96.50	6,080

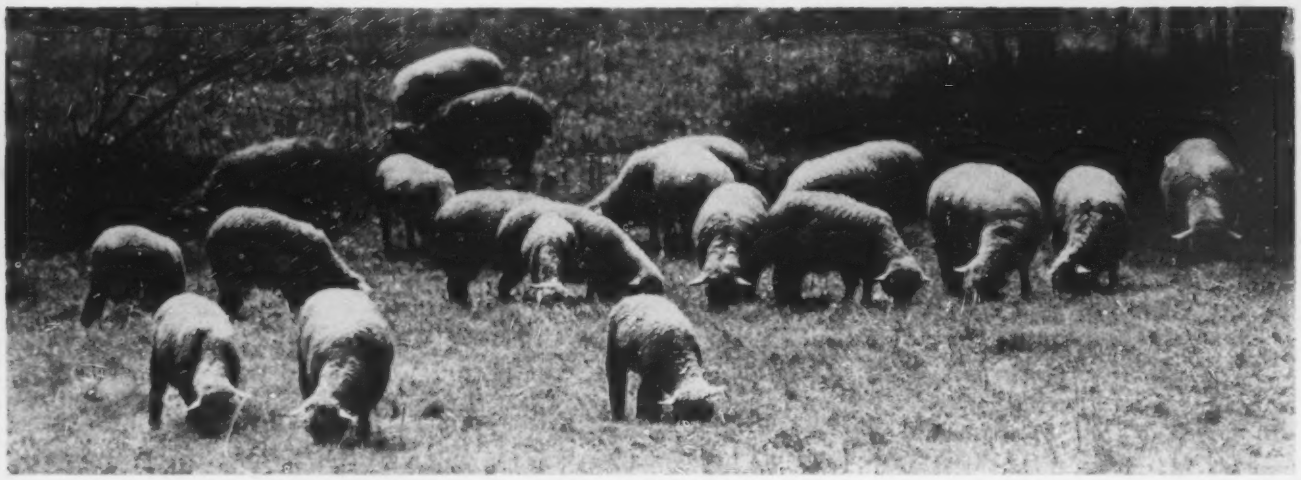
Table 68. SHEEP AND LAMBS: Number of Operations, Production, Disposition, and Income, 1978-1987

Year	Operations with sheep	Inventory January 1	Lamb crop	Inship-ments	Marketings		Farm slaughter	Deaths		Inventory Jan. 1 following	Gross income 1/
					Sheep	Lambs		Sheep	Lambs		
		Thousands									Thous. dol.
1978	2.2	66	50	4	7	32	3	7	8	63	1,986
1979	2.1	63	50	4	11	23	3	7	8	65	1,760
1980	2.3	65	52	6	12	26	3	6	7	69	1,946
1981	2.4	69	58	6	11	34	3	7	8	70	2,174
1982	2.4	70	54	3	16	27	3	6	9	66	1,698
1983	2.2	66	53	4	16	31	2	6	7	61	1,864
1984	2.4	61	51	3	12	31	2	5	6	59	2,031
1985	2.2	59	48	3	11	31	2	5	6	55	2,196
1986	2.0	55	50	3	9	22	1	4	8	64	1,730
1987	2.1	64	48	2	14	24	1	6	6	63	2,177

1/ Value of marketings and home consumption.

Table 69. SHEEP AND LAMBS: Wool Production and Value, 1978-1987

Year	Sheep shorn	Weight per fleece	Wool production	Price per pound	Value
	Head	Pounds	Pounds	Dollars	Dollars
1978	54,000	7.1	381,000	.75	286,000
1979	55,000	7.2	396,000	.85	337,000
1980	56,000	7.4	414,000	.80	331,000
1981	57,000	7.4	422,000	.84	354,000
1982	60,000	7.3	438,000	.53	232,000
1983	59,000	7.3	431,000	.49	211,000
1984	55,000	7.2	396,000	.72	285,000
1985	54,000	7.2	389,000	.52	202,000
1986	53,000	7.1	376,000	.59	222,000
1987	58,000	7.2	417,000	.71	296,000



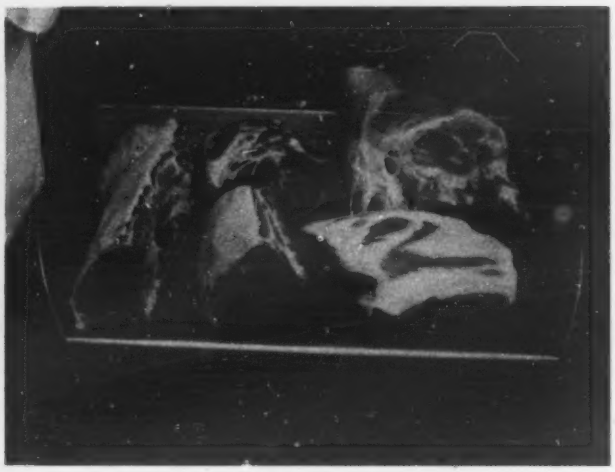


Table 70. SHEEP AND LAMBS: Commercial Slaughter, 1978-1987

Year	Number head	Average liveweight	Total liveweight
	Thous.	Pounds	Thous. lb.
1978	43.1	94	4,068
1979	44.2	95	4,184
1980	52.4	97	5,104
1981	59.7	98	5,851
1982	53.6	93	4,995
1983	52.8	96	5,062
1984	51.8	93	4,828
1985	52.0	96	4,983
1986	54.4	98	5,333
1987	65.5	98	6,423

Table 71. SHEEP AND LAMBS: Commercial Slaughter, Number of Head, by Months, 1978-1987

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1/
						Thousands							
1978	2.9	3.3	8.6	5.0	2.6	2.3	2.2	2.5	3.2	3.8	3.6	3.0	43.1
1979	3.3	2.8	2.9	10.0	2.4	2.7	2.8	3.3	3.0	3.7	3.5	3.8	44.2
1980	3.9	3.0	8.2	5.7	2.2	2.8	4.0	4.1	4.1	6.0	3.9	4.7	52.4
1981	4.6	4.2	4.2	11.2	3.1	3.5	3.7	4.8	5.0	5.4	4.8	5.2	59.7
1982 2/			12.6			16.2			11.7			13.1	53.6
1983	4.6	3.6	6.6	3.5	4.1	3.9	3.6	4.2	4.2	4.8	4.8	5.0	52.8
1984	3.9	3.6	3.7	9.0	4.7	3.5	4.7	4.3	3.8	3.6	3.3	3.7	51.8
1985	2.9	3.0	6.1	5.2	3.7	3.6	4.9	4.7	4.4	4.9	3.9	4.7	52.0
1986	3.2	3.1	7.4	3.4	4.0	3.7	4.7	4.6	5.2	4.4	4.5	6.2	54.4
1987	4.2	4.6	4.8	10.7	3.5	4.2	4.0	4.6	5.7	5.4	6.1	7.7	65.5

1/ May not add due to rounding.
2/ Quarterly slaughter January-March, April-June, July-September, and October-December.

SHEEP AND LAMB LOSSES VALUED AT $1.0 MILLION

New York sheep producers lost an estimated 12,000 head of sheep and lambs during1987, the same as during 1986 but nine percent above 1985. Deaths were caused by disease, predators, weather conditions, and other causes. The 12,000 sheep and lambs lost were valued at $1.0 million and represents a 12 percent loss to the State's $8.6 million sheep and wool industry.

There were 6,000 lambs and 6,000 sheep lost during the year. On January 1, 1988 there were 63,000 sheep and lambs in the State with an inventory vaue of $6.1 million. Losses during 1987 were attributed mainly to predation and disease with predation accounting for 21 percent and disease 19 percent of the total deaths.

The losses from bad weather conditions accounted for 13 percent of the deaths while old age totaled 10 percent. Unknown and miscellaneous causes, including accidents, covered the remaining 37 percent. Of the 2,520 losses attributed to predation, 51 percent of the sheep and lambs were killed by dogs and 45 percent by coyotes. The remaining four percent were reported as being killed by other animals. This compares with 3,170 predation losses a year earlier of which 18 percent were killed by dogs, 60 percent by coyotes, and two percent by other animals.

Table 72. SHEEP AND LAMBS: Losses by Cause, 1985-1987

Category	Sheep			Lambs		
	1985	1986	1987	1985	1986	1987
Sheep Inventory/Lamb Crop (head)	55,000	64,000	63,000	48,000	50,000	48,000
Sheep/Lamb Losses (head)	5,000	4,000	6,000	6,000	8,000	6,000
Percent of Losses by Cause:						
Weather (%)	3.5	1.0	8.8	23.6	12.8	16.9
Disease (%)	21.3	15.9	14.5	24.1	25.8	23.5
Old Age (%)	33.7	25.4	19.9	-	-	-
Other (%)	5.0	13.8	19.8	15.6	12.7	19.0
Unknown (%)	8.3	14.1	19.8	18.7	24.0	21.3
Predator (%)	28.2	29.8	22.7	18.0	24.7	19.3
Losses to Predation (head)	1,410	1,190	1,360	1,080	1,980	1,160
Percent of Losses to Predation:						
Dogs (%)	60.0	48.4	63.2	46.4	32.3	36.1
Coyotes (%)	36.3	51.6	36.8	48.7	65.3	54.4
Other Animals (%)	3.7	-	-	4.9	2.4	9.5
Value of All Losses ($1,000)	414.5	328.0	553.8	420.6	567.2	471.0
Value of Predation Losses ($1,000)	116.8	97.6	125.5	75.7	140.4	91.1
Number of Producers	2,220	2,000	2,100	2,200	2,000	2,100
Number with Sheep/Lamb Lost	620	720	950	870	830	1,240
Percent of Producers with Losses by Cause: 1/						
Weather (%)	3.6	1.2	9.1	27.7	15.4	19.0
Disease (%)	30.6	22.4	21.6	22.2	31.2	25.6
Old Age (%)	54.5	34.5	32.7	-	-	-
Other (%)	7.7	30.5	32.7	31.9	26.7	23.9
Unknown (%)	15.1	25.0	17.1	29.1	31.9	33.5
Predator (%)	22.7	29.1	20.4	17.3	24.3	22.3
Number of Producers with Predation Losses	141	210	193	150	202	274
Percent of Producers by Type of Predation Loss: 1/						
Dogs (%)	75.0	73.5	60.6	70.4	61.4	60.3
Coyotes (%)	15.6	29.3	43.4	17.8	40.0	34.8
Other Animals (%)	16.4	-	-	18.5	8.3	12.8

1/ Percents may add to over 100 due to a producer having losses from more than one cause.

Table 73. HONEY: Production and Value, 1978-1987

Year	Colonies of bees	Yield per colony	Production	Price per pound	Total value	Stocks on Dec. 1
	Thous.	Pounds	Thous. lb.	Dollars	Thous. dol.	Thous. lb.
1978	110	56	6,160	.543	3,345	1,540
1979	113	62	7,006	.551	3,860	1,962
1980	117	43	5,031	.636	3,200	1,107
1981	116	34	3,944	.632	2,493	1,104
1982 1/						
1983 1/						
1984 1/						
1985 1/						
1986 2/	92	32	2,944	3/.650	3/1,914	530
1987 2/	90	44	3,960	.690	2,732	1,188

1/ No survey conducted.
2/ Excludes apiaries with less than 5 colonies.
3/ Revised.

Table 74. MINK: Females Bred to Produce Kits by Color Class and Pelts Produced by Color Class, 1978-1988

Year	Standard	Pastel	Violet type	Pearl	Demi-Buff	Gunmetal	Sapphire	Mahogany	Other	Total
					Number					
FEMALES BRED										
1978	14,800	7,200	2,900	2,000	1/	1,300	1,100	-	1,800	31,100
1979	11,600	6,400	1,400	1,500	5,400	1,300	1,800	-	500	29,900
1980	11,000	7,800	2,100	1,900	3,600	2,000	2,100	-	1,000	31,500
1981	10,100	7,800	1,800	1,900	4,400	2,400	1,800	-	1,300	31,500
1982 2/										
1983	9,700	3,900	4,100	2,400	3,600	2,600	1,100	-	2,600	30,000
1984	10,300	3,800	3,100	3,700	1,800	2,400	940	-	1,660	27,700
1985	12,200	2,700	2,900	2,300	1,600	1,700	1,000	-	1,800	26,200
1986	12,100	3,100	1,500	1,500	2,200	500	3/	3,300	3,100	27,300
1987 4/	13,300	2,400	1,300	1,700	1,000	1,000	3/	1,600	2,800	25,100
1988	14,100	2,500	1,700	2,000	800	1,900	3/	1,100	2,900	27,000
PELTS PRODUCED										
1978	40,500	28,100	8,800	4,100	14,900	5,400	4,300	-	3,900	110,000
1979	38,100	17,800	6,900	2,700	18,100	2,400	3,700	-	2,300	92,000
1980	44,600	24,600	6,300	4,900	14,500	5,900	5,600	-	3,600	110,000
1981 2/										
1982	34,100	30,300	9,900	9,600	12,600	7,000	3,500	-	6,500	113,500
1983	36,000	15,000	12,100	11,600	9,500	6,400	2,900	-	7,000	100,500
1984	45,400	9,900	14,700	12,500	7,800	6,000	3,200	-	7,500	107,000
1985	44,800	7,200	5,600	4,800	20,000	7,600	3,500	9,000	6,200	108,700
1986	54,000	9,500	5,900	6,200	5,600	1,500	3/	9,600	11,700	104,000
1987	48,700	9,100	6,100	8,200	2,500	5,500	3/	6,200	13,100	99,400

1/ Included with Standard or other parent color class.
2/ Data not collected due to lack of federal funds.
3/ Included with 'Other' to avoid disclosure of individual operations.
4/ Revised.

POULTRY

The combined value of New York produced eggs, broilers, and turkeys plus value of sales for other chickens was $53.9 million for the year ending November 30, 1987. This total is down 35 percent from a year earlier. Lower egg production was primarily responsible for the decline. Of the 1987 combined value, 85 percent was derived from eggs, six percent from turkeys, and five percent from broilers.

Egg production in New York during the 1987 year totaled 1.12 billion, down 27 percent from a year earlier. In addition, egg prices dropped 9.5 cents per dozen during 1987. The combined effect of lower production and lower prices resulted in a total value of $46.0 million, 39 percent less than the 1986 egg production value of $74.9 million.

Broiler production totaled 9.45 million pounds in 1987, up five percent from the 1986 total. This upswing in output, however, was more than offset by a 17 percent lower average price to 30 cents per pound. The resulting value of production, at $2.84 million, posted a 12 percent decline from the previous year.

Statewide turkey production production in 1987 amounted to 9.44 million pounds, a jump of 53 percent from 1986. The average price of 35.0 cents per pound was down 22 percent. Value of production totaled $3.30 million, up a substantial 19 percent from the 1986 level.

The number of chickens sold in New York (excluding broilers) during 1987 was up but lower prices produced sales of $1.80 million, down six percent from 1986.

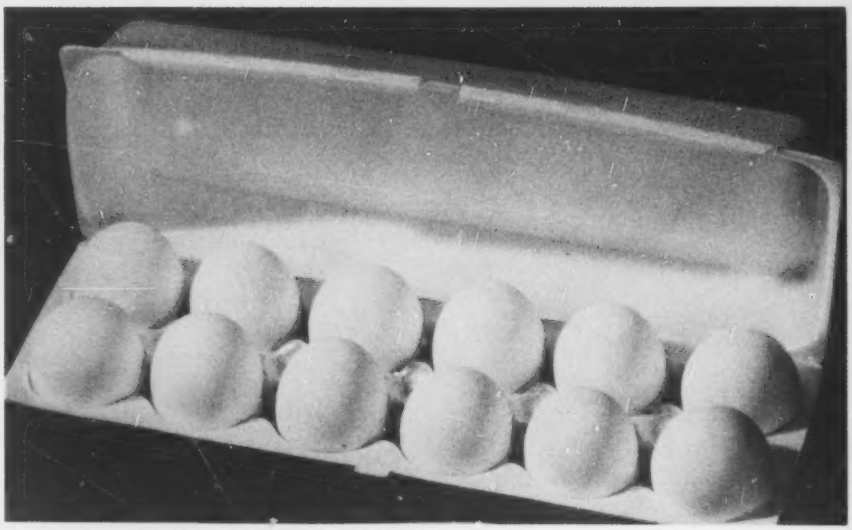


Table 75. DUCKS: Production and Value, 1978-1987

Year	Number produced	Pounds produced (Live)	Price per pound (Live)	Value of production
	Thous.	Thous.	Cents	Thous. dol.
1978	3,850	24,500	45.0	11,025
1979	4,400	28,200	44.0	12,408
1980	4,400	28,800	45.0	12,960
1981	4,200	27,700	44.0	12,188
1982	4,450	29,500	45.0	13,275
1983	4,700	31,400	45.0	14,130
1984	4,250	28,800	49.0	14,112
1985	3,950	27,000	51.0	13,770
1986	3,850	26,800	51.0	13,668
1987	2,950	20,700	52.0	10,764

Table 76. TURKEYS: Production and Value, 1978-1987

Year	Number raised	Pounds produced (Live)	Price per pound (Live)	Value of production
	Thous.	Thous.	Cents	Thous. dol.
1978	186	3,869	42.0	1,664
1979	227	4,427	42.0	1,859
1980	258	5,547	41.0	2,274
1981	268	5,869	37.0	2,172
1982	312	6,614	39.0	2,580
1983	332	7,005	39.0	2,732
1984	329	5,790	48.0	2,779
1985	314	6,123	46.0	2,817
1986	343	6,174	45.0	2,778
1987	437	9,439	35.0	3,304

Table 77. CHICKENS: Number on Farms, Inventory Value and Value per Head, December 1, 1978-1987

Year	Hens and pullets of laying age			Pullets over 3 mo. not laying	Pullets under 3 months	Other chickens	All Chickens (excl. meat chickens)		
	Hens over 12 months	Pullets of laying age	Total HPLA				Number	Value per head	Total value
				Thousands				Dollars	Thous. dol.
1978	3,400	3,950	7,350	1,230	1,230	40	9,850	1.80	17,730
1979	3,450	4,000	7,450	1,300	1,400	50	10,200	1.80	18,360
1980	3,500	4,150	7,650	1,300	1,500	50	10,500	1.70	17,850
1981	3,700	3,900	7,600	1,450	1,500	50	10,600	1.75	18,550
1982	2,850	4,550	7,400	1,000	1,050	50	9,500	1.90	18,050
1983	2,500	4,200	6,700	1,050	1,200	50	9,000	2.00	18,000
1984	2,900	4,200	7,100	1,200	950	50	9,300	1.95	18,135
1985	2,800	3,700	6,500	700	740	60	8,000	1.85	14,800
1986	2,400	3,200	5,600	500	570	30	6,700	1.70	11,390
1987	1,500	2,800	4,300	480	600	20	5,400	1.85	9,990

Table 78. CHICKENS: Sold and Value of Sales,1978-1987 1/

Year	Number sold	Pounds sold (Live)	Price per lb. (Live)	Value of sales
	Thous.	Thous.	Cents	Thous. dol.
1978	7,025	31,613	7.4	2,339
1979	6,530	29,385	9.2	2,703
1980	6,810	30,645	6.4	1,961
1981	6,750	30,375	7.7	2,339
1982	7,585	31,857	6.7	2,134
1983	6,880	28,896	8.1	2,341
1984	6,900	28,290	12.9	3,649
1985	6,800	26,520	11.4	3,023
1986	5,600	22,960	8.3	1,906
1987	6,500	25,350	7.1	1,800

1/ Excludes broilers.

Table 79. BROILERS: Production and Value, 1978-1987 1/

Year	Number produced	Pounds produced	Price per pound	Value of production
	Thous.	Thous.	Cents	Thous. dol.
1978	500	2,250	29.0	653
1979	520	2,340	28.0	655
1980	600	2,700	28.0	756
1981	540	2,430	29.5	717
1982	570	2,451	28.0	686
1983	610	2,684	29.0	778
1984	670	2,948	35.0	1,032
1985	1,750	7,700	31.5	2,426
1986	2,000	9,000	36.0	3,240
1987	2,100	9,450	30.0	2,835

1/ Marketing year for broiler data is preceding December-November.

Table 80. EGGS: Production and Value, 1978-1987 1/

Year	Number of layers	Eggs per layer	Eggs produced	Price per dozen	Value of production
	Thous.	Number	Millions	Cents	Thous. dol.
1978	7,488	246	1,845	46.5	71,494
1979	7,158	247	1,767	54.4	80,104
1980	7,112	250	1,776	50.3	74,444
1981	7,402	251	1,858	56.7	87,791
1982	7,394	251	1,859	55.5	85,979
1983	6,899	252	1,741	57.5	83,423
1984	6,692	256	1,710	70.8	100,890
1985	6,712	255	1,710	55.8	79,515
1986	6,125	249	1,523	59.0	74,881
1987	4,367	255	1,115	49.5	45,994

1/ Marketing year for eggs is preceding December through November.

Table 81. CHICKENS: Number of Layers and Egg Production, by Months, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LAYERS *(Thousands)*												
1978	7,525	7,575	7,575	7,550	7,525	7,525	7,513	7,463	7,450	7,400	7,350	7,300
1979	7,225	7,150	7,150	7,125	7,025	7,050	7,075	7,025	7,075	7,275	7,425	7,475
1980	7,475	7,275	7,100	6,900	6,800	6,825	6,775	6,950	7,150	7,200	7,425	7,700
1981	7,625	7,375	7,275	7,400	7,400	7,325	7,400	7,250	7,275	7,375	7,425	7,600
1982	7,625	7,500	-	-	1/7,400	-	-	1/7,300	-	-	1/7,300	7,300
1983	7,050	6,925	6,875	6,938	7,038	6,926	6,775	6,725	6,725	6,750	6,750	6,676
1984	6,676	6,675	6,676	6,700	6,650	6,650	6,725	6,676	6,626	6,675	6,900	7,050
1985	6,976	7,025	6,850	6,500	6,500	6,525	6,550	6,701	6,651	6,625	6,601	6,401
1986	6,300	6,275	6,325	6,350	6,225	6,050	5,975	6,025	6,000	5,875	5,700	5,550
1987	5,100	4,750	4,600	4,050	3,850	4,000	4,000	4,025	4,075	4,150	4,250	4,300
1988	4,100	3,875	3,900	3,900								
EGGS PER LAYER *(Number)*												
1978	20.71	18.90	20.89	20.31	21.22	20.43	21.02	21.08	20.58	21.05	20.04	20.49
1979	20.89	19.40	21.33	20.49	21.27	20.91	21.48	20.58	19.17	20.27	20.52	20.74
1980	20.60	19.66	20.70	20.43	21.76	20.95	21.85	21.29	20.14	21.11	20.61	21.17
1981	20.98	19.12	21.58	21.15	21.89	21.02	21.22	20.97	20.21	20.88	20.61	21.18
1982	20.85	19.20	-	-	1/64.58	-	-	1/63.11	-	-	1/62.43	21.37
1983	20.71	18.77	21.09	20.90	22.17	21.37	21.85	21.56	20.67	21.33	20.59	21.57
1984	21.57	19.93	21.42	20.60	21.35	20.45	21.86	22.47	21.43	22.02	20.87	21.13
1985	21.07	19.07	21.90	21.38	21.85	21.15	21.98	21.64	21.05	21.74	20.91	20.93
1986	20.63	18.80	20.71	20.47	21.37	21.16	21.76	21.24	20.50	20.94	20.18	21.08
1987	21.37	19.37	21.74	21.48	22.08	20.75	22.00	21.86	21.10	21.93	20.94	22.09
1988	22.44	21.42	22.56	21.54								
TOTAL EGG PRODUCTION *(Million Eggs)*												
1978	156	143	158	153	159	154	158	157	153	156	147	150
1979	151	139	153	146	149	147	152	145	136	147	152	155
1980	154	143	147	141	148	143	148	148	144	152	153	163
1981	160	141	157	158	162	154	157	152	147	154	153	161
1982	159	144	-	-	2/478	-	-	2/461	-	-	2/456	156
1983	146	130	145	145	156	148	148	145	139	144	139	144
1984	144	133	143	138	142	136	147	150	142	147	144	149
1985	147	134	150	139	142	138	144	145	140	144	138	134
1986	130	118	131	130	133	128	130	128	123	123	115	117
1987	109	92	100	87	85	83	88	88	86	91	89	95
1988	92	83	88	84								
FORCED MOLT LAYERS BEING MOLTED FIRST OF MONTH *(Percent of All Layers)*												
1978	1.5	1.5	1.0	1.5	2.0	4.0	2.5	1.0	1.0	0.5	1.5	1.0
1979	2.0	2.0	0.5	0.5	2.0	1.0	2.5	2.0	4.0	3.0	3.0	2.0
1980	2.5	3.5	1.0	0.5	1.5	1.5	1.0	1.5	1.5	2.5	2.0	1.5
1981	1.5	1.5	1.0	1.0	2.0	4.0	0.5	0.5	0.5	1.5	1.0	1.0
1982	0.5	2.0	1.0	-	-	2.5	-	-	2.5	-	-	2.0
1983	-	2.5	1.5	1.0	1.0	3.5	1.0	3.5	3.5	1.5	1.5	2.0
1984	1.0	1.0	2.0	2.5	4.0	3.5	0.5	0.5	1.0	2.0	2.0	2.0
1985	1.5	2.5	1.0	4.0	3.0	2.0	4.5	2.0	0.5	3.0	8.5	3.0
1986	2.0	7.5	7.5	1.0	1.0	2.0	2.5	5.0	1.0	1.5	0.5	3.0
1987	2.0	2.5	3.0	5.0	3.0	4.0	8.5	2.0	2.0	2.0	0.5	0.5
1988	2.5	0.5	1.5	0.5	3.0							
FORCED MOLT LAYERS WITH MOLT COMPLETED FIRST OF MONTH *(Percent of All Layers)*												
1978	4.0	3.0	2.5	2.5	2.0	2.5	6.0	5.5	6.5	7.5	5.5	4.0
1979	5.0	7.0	6.0	5.0	6.5	6.5	3.5	4.0	3.5	6.0	4.5	6.5
1980	5.5	7.5	6.0	3.5	3.0	4.5	6.0	3.0	4.0	5.0	7.5	6.5
1981	7.5	7.5	7.0	4.5	5.0	4.0	6.5	6.5	4.0	3.5	2.5	5.5
1982	6.0	8.0	10.0	-	-	9.0	-	-	5.5	-	-	8.5
1983	-	8.0	6.0	5.5	7.5	8.5	7.5	8.5	8.0	9.0	9.0	10.0
1984	9.0	10.0	11.5	11.0	12.0	8.5	7.5	7.0	7.0	5.5	4.0	8.0
1985	7.5	6.5	8.5	8.0	7.5	6.3	8.5	7.0	10.0	11.0	12.0	12.0
1986	12.0	9.5	13.0	12.0	13.0	14.5	17.5	17.5	18.5	17.5	17.0	14.5
1987	16.5	12.5	12.5	12.0	4.5	5.5	4.5	8.0	9.5	8.5	9.0	7.5
1988	8.0	9.5	8.0	6.5	6.5							

1/ Quarterly average layers and eggs per layer March-May, June-August, and September-November.
2/ Quarterly egg production March-May, June-August and September-November.

OTHER AGRICULTURAL STATISTICS

Prices received by New York farmers during 1987 for most commodities were up from a year earlier. Exceptions were lower prices for apples, potatoes, hay and eggs. Considering over one-half of all New York's cash farm receipts is derived from the sale of milk, it is anticipated that total cash receipts from farm marketings of all commodities during 1987 will be about two percent below a year earlier. This decrease is attributed to production declines for many commodities which more than offfset the higher prices.

Milk production in New York declined three percent from 1986 while milk price increased only one percent. Producers across the State received an average of $12.70 per hundredweight (cwt.) for milk sold during 1987. Responsible for the decline in production was a record low herd size which more than offset a record high output per cow.

The reduced number of milk cows was brought about in part by the dairy termination program (DTP). This program was part of the Food Security Act and often referred to as the whole herd buy-out. The DTP began April 1, 1986 and ended August 31, 1987. The program carried with it a producer assessment on all milk sold during the 17 month period. This assessment was a cost of marketing rather than a reduction in price. Therefore, it was not subtracted from the price received for milk.

The decrease in the Index of Prices Paid by dairy farmers for 1987 reflects the ending of the DTP assessment coupled with lower dairy feed prices. Prices paid by farmers throughout the Northeast for most corn based dairy, poultry and hog feeds were below a year earlier. This is the third consecutive year for corn based feeds to show price declines. However, prices of most other production items showed increases. Cost of living items as reflected in the Consumer Price Index increased four percent during 1987.

The commodities for which prices paid estimates are made carry only general specifications which allow merchants to specify the grade, size, etc. most frequently sold. This allows for some changes in consumer purchasing practices to be reflected in the estimates.

The prices received estimates reflect sales of all classes and grades of the commodity at the point of first sale and are used to compute the value of agricultural production, inventories, and cash receipts from farming. The series help determine the level of farm commodity prices compared with "target prices" and are used in determining deficiency payment levels.

Table 82. DAIRY FARM PRICE INDEXES: Prices Received and Prices Paid, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
INDEX OF PRICES RECEIVED FOR MILK, SEASONALLY ADJUSTED *(1977 = 100)*													
1978	101	103	103	106	107	108	107	108	109	112	115	118	108
1979	118	121	119	121	123	124	122	122	123	123	126	127	122
1980	126	128	129	132	134	134	131	130	131	132	135	139	132
1981	138	141	142	144	144	144	140	137	136	135	137	139	140
1982	137	139	140	142	142	142	139	136	135	135	137	139	139
1983	137	140	140	142	142	141	138	136	135	134	136	135	138
1984	134	134	135	137	138	138	135	134	135	135	139	138	136
1985	137	137	135	135	132	129	126	123	122	121	123	124	129
1986	123	124	123	125	126	126	125	125	126	128	131	132	126
1987	131	130	128	128	127	127	126	124	126	125	127	126	127
1988	124	123	121	121									
INDEX OF PRICES PAID BY DAIRY FARMERS 1/ *(1977 = 100)*													
1978	103	103	103	104	104	106	107	105	107	108	110	111	106
1979	113	114	117	116	119	120	122	123	123	126	126	128	121
1980	130	131	133	133	133	134	134	137	139	143	146	147	137
1981	151	150	150	149	149	150	148	148	149	148	149	148	149
1982	147	149	148	148	150	149	151	149	147	147	148	148	148
1983	149	149	149	153	159	159	159	160	169	169	170	164	159
1984	164	163	164	164	164	164	162	160	160	160	160	158	162
1985	159	159	158	151	150	149	148	149	147	149	150	151	152
1986	152	151	-	158	-	-	154	-	-	152	-	-	154
1987	150	-	-	151	-	-	153	-	-	151	-	-	151
1988	154	-	-	157									
RATIO OF INDEX OF PRICES RECEIVED FOR MILK TO INDEX OF PRICES PAID BY DAIRY FARMERS													
1978	98	100	100	102	103	102	100	103	102	104	105	106	102
1979	104	106	102	104	103	103	100	99	100	98	100	99	101
1980	97	98	97	99	101	100	98	95	94	92	92	95	96
1981	91	94	95	97	97	96	95	93	91	91	92	94	94
1982	93	93	95	96	95	95	92	91	92	92	93	94	94
1983	92	94	94	93	89	89	87	85	80	79	80	82	87
1984	82	82	82	84	84	84	83	84	84	84	87	87	84
1985	86	86	85	89	88	87	85	83	83	81	82	82	85
1986	81	82	2/81	79	2/80	2/80	81	2/81	2/82	84	2/86	2/87	82
1987	87	2/87	2/85	85	2/84	2/84	82	2/81	2/82	83	2/84	2/83	84
1988	81	2/80	2/79	77									

1/ The index is adjusted to include the dairy assessment from April 16, 1983-March 31, 1985 and the Food Security Act assessment from April 1, 1986-August 31, 1987. 2/ Ratio derived using the most recent prices paid index.

Table 83. CONSUMER PRICE INDEX (CPI-U): All Urban Consumers, City Average, Unadjusted, United States, 1978 to Date 1/

(1982-1984 = 100)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
1978	62.5	62.9	63.4	63.9	64.5	65.2	65.7	66.0	66.5	67.1	67.4	67.7	65.2
1979	68.3	69.1	69.8	70.6	71.5	72.3	73.1	73.8	74.6	75.2	75.9	76.7	72.6
1980	77.8	78.9	80.1	81.0	81.8	82.7	82.7	83.3	84.0	84.8	85.5	86.3	82.4
1981	87.0	87.9	88.5	89.1	89.8	90.6	91.6	92.3	93.2	93.4	93.7	94.0	90.9
1982	94.3	94.6	94.5	94.9	95.8	97.0	97.5	97.7	97.9	98.2	98.0	97.6	96.5
1983	97.8	97.9	97.9	98.6	99.2	99.5	99.9	100.2	100.7	101.0	101.2	101.3	99.6
1984	101.9	102.4	102.6	103.1	103.4	103.7	104.1	104.5	105.0	105.3	105.3	105.3	103.9
1985	105.5	106.0	106.4	106.9	107.3	107.6	107.8	108.0	108.3	108.7	109.0	109.3	107.6
1986	109.6	109.3	108.8	108.6	108.9	109.5	109.5	109.7	110.2	110.3	110.4	110.5	109.6
1987	111.2	111.6	112.1	112.7	113.1	113.5	113.8	114.4	115.0	115.3	115.4	115.4	113.6
1988	115.7	116.0	116.5	117.1									

1/ U.S. Department of Labor, BLS.

Table 84. FEED PRICE RATIOS: Milk, Eggs and Hogs, Monthly Average, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MILK - FEED PRICE RATIO 1/												
1978	1.45	1.52	1.49	1.43	1.47	1.43	1.46	1.64	1.67	1.72	1.68	1.60
1979	1.59	1.57	1.50	1.51	1.50	1.45	1.47	1.53	1.57	1.54	1.54	1.45
1980	1.51	1.54	1.49	1.47	1.45	1.43	1.49	1.42	1.43	1.42	1.38	1.37
1981	1.33	1.36	1.38	1.35	1.32	1.31	1.42	1.49	1.51	1.57	1.56	1.53
1982	1.58	1.50	1.51	1.48	1.38	1.42	1.50	1.63	1.69	1.67	1.68	1.68
1983	1.60	1.58	1.52	1.47	1.38	1.37	1.44	1.43	1.38	1.36	1.36	1.28
1984	1.30	1.31	1.29	1.26	1.28	1.27	1.35	1.47	1.51	1.58	1.62	1.63
1985	1.63	1.59	1.56	1.52	1.51	1.46	1.53	1.56	1.64	1.67	1.63	1.52
1986 2/	1.49	1.49	-	1.41	-	-	1.53	-	-	1.79	-	-
1987	1.73	-	-	1.60	-	-	1.59	-	-	1.78	-	-
1988	1.51	-	-	1.33								
EGG - FEED PRICE RATIO 3/												
1978	6.2	7.2	6.7	5.7	5.3	4.6	6.2	6.5	6.4	6.6	7.4	8.0
1979	7.9	7.3	7.6	7.4	6.6	6.6	5.7	5.8	5.8	5.6	6.6	7.0
1980	5.8	5.3	5.5	5.1	4.3	4.4	5.3	5.1	5.4	4.9	5.8	5.7
1981	5.1	5.0	5.0	4.9	4.4	4.3	5.0	5.3	5.4	5.9	6.6	6.1
1982	6.9	6.4	6.6	6.0	5.0	4.9	5.0	5.1	5.6	5.9	5.9	5.2
1983	4.8	4.9	5.1	5.1	4.7	4.9	4.8	5.3	5.1	5.6	6.3	7.5
1984	8.8	7.4	6.9	7.7	5.8	5.3	5.4	5.3	5.6	5.0	6.2	5.4
1985	5.0	5.0	5.9	5.2	5.0	5.7	5.7	6.8	6.6	6.9	7.6	6.7
1986 2/	6.5	6.2	-	6.2	-	-	6.6	-	-	7.1	-	-
1987	6.9	-	-	5.8	-	-	4.9	-	-	6.1	-	-
1988	4.9	-	-	4.5								
HOG - CORN PRICE RATIO 4/												
1978	19.3	19.5	18.9	18.5	18.8	17.8	18.8	19.0	18.8	23.8	23.0	20.5
1979	20.6	21.3	21.7	18.2	17.8	14.7	13.0	12.3	12.2	13.5	14.1	15.3
1980	13.6	12.6	12.5	10.6	9.7	12.4	13.2	13.0	12.9	14.8	13.7	12.6
1981	11.8	11.5	10.9	10.5	11.6	12.8	13.9	15.8	17.4	16.5	17.3	15.1
1982	16.9	18.1	18.0	19.3	20.5	20.5	20.2	22.0	22.4	23.0	20.9	21.3
1983	21.0	21.0	16.4	14.3	13.6	12.8	12.4	13.0	11.5	11.7	11.0	13.1
1984	13.1	13.6	12.6	12.6	12.6	13.1	13.7	13.6	12.7	14.4	17.2	16.8
1985	16.8	16.3	14.9	13.6	13.7	14.6	15.4	15.6	14.6	17.4	17.2	16.9
1986	17.2	16.8	14.5	15.4	17.6	19.6	24.6	29.1	28.7	29.4	32.7	29.4
1987	27.1	24.3	26.6	27.2	27.7	28.1	29.6	31.5	26.9	25.3	22.6	21.3
1988	21.6	21.1	19.5	18.5								

1/ Pounds of 16 percent dairy feed equal in value to 1 pound of milk.
2/ Starting April 1986, only regional feed price ratios are available quarterly. Ratios shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland and Delaware.
3/ Pounds of laying feed equal in value to 1 dozen eggs.
4/ Bushels of corn equal in value to 100 pounds of hog liveweight.

Table 85. PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Season Average, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season avg. 1/
WHEAT *(Dollars per bushel)*													
1978	2.32	2.57	2.55	2.76	2.73	2.57	3.12	3.27	3.32	3.63	3.54	3.69	3.35
1979	3.66	3.53	3.60	3.53	3.57	3.50	3.64	3.77	3.77	3.72	3.69	3.92	3.77
1980	3.96	3.94	3.93	3.79	3.81	3.74	3.80	3.86	3.91	4.09	4.22	4.05	3.95
1981	4.43	4.38	4.39	4.09	4.18	3.85	3.12	3.11	3.24	3.14	3.22	3.77	3.20
1982	3.34	3.40	3.18	3.38	3.19	3.03	3.24	3.37	3.51	3.31	3.19	3.20	3.30
1983	3.20	3.29	3.15	3.23	3.29	3.35	3.23	3.42	3.39	3.36	3.46	3.50	3.30
1984	3.28	3.31	3.32	3.41	3.50	3.43	3.20	3.19	3.21	3.27	3.37	3.35	3.25
1985	3.30	3.42	3.39	3.35	3.34	3.09	2.85	2.70	2.59	2.66	2.80	3.07	2.80
1986	2.92	2.90	2.90	2.88	3.15	2.95	2.22	2.05	2.08	2.26	2.24	2.43	2.25
1987	2.50	2.57	2.60	2.55	2.70	2.72	2.45	2.35	2.56	2.90	2.97	3.10	2.60
1988	3.12	3.37	3.10	3.50									
OATS *(Dollars per bushel)*													
1978	1.64	1.82	1.78	1.71	1.66	1.47	1.36	1.11	1.36	1.13	1.34	1.50	1.34
1979	1.48	1.43	1.44	1.47	1.36	1.41	1.39	1.22	1.29	1.29	1.43	1.49	1.47
1980	1.55	1.49	1.62	1.65	1.84	1.86	1.79	1.68	1.85	1.74	1.98	2.26	1.99
1981	2.36	2.37	2.25	2.38	2.39	2.42	1.84	1.73	1.75	1.88	1.89	1.97	1.90
1982	2.06	2.10	2.10	1.99	2.00	1.98	1.92	1.46	1.51	1.53	1.62	1.66	1.57
1983	1.59	1.57	1.56	1.55	1.55	1.55	1.56	1.58	1.74	1.91	1.97	2.06	1.94
1984	2.20	2.22	2.14	2.26	2.14	2.23	2.25	1.95	1.85	2.05	1.96	2.07	1.95
1985	2.04	2.09	1.98	1.87	1.80	1.70	1.34	1.03	1.12	1.16	.98	1.02	1.09
1986	1.06	1.10	1.07	1.09	1.02	1.14	.96	.75	.94	.87	1.07	1.15	1.15
1987	1.40	1.51	1.40	1.46	1.64	1.65	1.28	1.20	1.39	1.58	1.48	1.75	1.60
1988	1.72	1.84	1.82	1.79									
CORN *(Dollars per bushel)*													
1978	2.19	2.21	2.38	2.37	2.46	2.52	2.44	2.39	2.39	2.06	2.07	2.33	2.44
1979	2.32	2.44	2.33	2.50	2.55	2.85	3.13	2.99	3.15	2.67	2.46	2.57	2.75
1980	2.77	2.92	2.76	2.75	3.10	2.94	3.17	3.56	3.54	3.24	3.36	3.53	3.50
1981	3.53	3.63	3.62	3.73	3.55	3.72	3.48	3.13	2.81	2.66	2.45	2.62	2.66
1982	2.62	2.68	2.70	2.67	2.77	2.81	2.87	2.80	2.67	2.41	2.44	2.48	2.95
1983	2.60	2.63	2.94	3.20	3.34	3.48	3.55	3.66	3.84	3.51	3.43	3.48	3.54
1984	3.47	3.35	3.58	3.61	3.60	3.67	3.70	3.61	3.65	2.98	2.74	2.78	2.85
1985	2.82	2.86	2.88	2.88	2.89	2.90	2.85	2.70	2.70	2.44	2.46	2.62	2.45
1986	2.56	2.50	2.64	2.49	2.51	2.55	2.25	2.04	1.96	1.75	1.53	1.64	1.76
1987	1.67	1.89	1.67	1.74	1.88	1.97	1.90	1.79	1.89	1.82	1.71	1.78	1.85
1988	1.91	2.04	2.02	2.10									
APPLES, COMMERCIAL CROP FOR FRESH CONSUMPTION *(Dollars per cwt.)*													
1978	13.00	13.50	14.50	15.50	16.00	16.50	16.00	15.00	15.00	13.00	13.00	12.00	13.50
1979	12.50	12.50	13.50	14.50	14.50	15.00	15.50	14.50	12.00	12.50	13.50	17.00	17.50
1980	17.50	18.00	20.50	22.00	22.50	23.50	22.10	20.00	19.00	17.80	15.50	16.50	18.00
1981	17.20	17.70	18.40	18.50	19.20	20.00	19.00	18.50	20.50	19.50	21.00	20.00	21.00
1982	21.00	21.50	21.00	23.00	24.00	24.00	16.00	16.00	14.50	13.50	13.50	14.60	14.50
1983	14.40	14.60	15.00	14.50	15.00	15.00	14.00	14.00	18.00	15.80	15.30	17.00	16.90
1984	17.00	18.00	17.50	18.00	18.00	18.00	-	16.00	19.20	21.10	19.00	20.00	20.10
1985 2/	20.50	19.50	19.50	20.00	21.00	21.00	-	-	12.50	11.20	11.20	11.70	11.50
1986	12.40	12.00	11.00	10.90	11.80	11.80	-	-	17.50	16.80	16.20	15.80	16.50
1987	17.40	16.40	15.80	15.90	16.70	17.00	-	-	10.80	12.80	12.40	13.20	12.70
1988	13.60	14.00	13.70	13.70									

1/ Season average price based on marketing year, not calendar year. (Wheat and Oats: July of crop year through June of following year. Corn: October through September. Apples: July through June.) Prior to 1979, price includes an allowance for any unredeemed loans and purchases by the Government, valued at the average loan rate. Monthly prices do not include this allowance.

2/ Starting July 1985, price is equivalent packinghouse door rather than price at point of first sale.

Table 85. PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Season Average, 1978 to Date (*Continued*)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season avg. 1/
ALL HAY BALED *(Dollars per ton)*													
1978	68.50	67.50	69.00	69.00	70.00	64.00	56.50	56.00	55.50	55.00	59.00	58.00	57.50
1979	55.50	56.00	55.50	57.50	53.00	52.50	50.00	50.00	50.00	52.00	54.00	54.00	52.50
1980	57.00	52.00	52.00	49.50	50.50	48.50	45.00	53.00	57.50	60.00	59.50	62.50	58.00
1981	61.00	68.00	68.00	65.00	63.50	64.00	64.50	64.00	67.00	67.00	66.00	67.00	69.00
1982	71.00	74.00	76.00	78.00	75.00	74.00	74.00	73.00	75.00	78.00	78.00	77.00	77.00
1983	77.00	78.00	81.00	80.00	80.00	76.00	77.00	77.00	80.00	80.00	80.00	82.00	82.00
1984	83.00	87.00	90.00	88.00	87.00	80.00	80.00	81.00	82.00	82.00	83.00	85.00	81.50
1985	82.00	80.00	82.00	80.00	81.00	77.00	72.00	71.00	76.00	76.00	75.00	76.00	75.50
1986	77.00	76.00	77.00	76.00	78.00	80.00	79.00	79.00	78.00	74.00	68.00	67.00	70.50
1987	64.00	63.00	66.00	67.00	64.00	62.00	64.00	61.00	75.00	73.00	75.00	76.00	72.00
1988	76.00	76.00	81.00	76.00									
ALFALFA HAY BALED *(Dollars per ton)*													
1978	76.00	76.00	78.00	76.50	80.00	72.50	62.50	62.00	62.00	61.50	65.00	64.00	2/
1979	61.00	64.00	63.00	64.00	60.50	60.00	54.50	56.50	55.00	58.50	62.50	62.50	
1980	64.50	59.00	57.50	54.00	53.00	51.50	48.00	57.50	63.00	64.50	65.00	66.50	
1981	66.00	70.00	70.00	68.00	66.50	67.00	67.00	66.00	68.00	70.00	68.00	70.00	
1982	74.00	78.00	81.00	82.00	79.00	78.00	77.00	79.00	81.00	83.00	82.00	81.00	
1983	84.00	86.00	87.00	85.00	84.00	82.00	82.00	82.00	86.00	88.00	87.00	89.00	
1984	90.00	95.00	96.00	96.00	92.00	83.00	83.00	85.00	88.00	87.00	87.00	90.00	
1985	88.00	88.00	89.00	87.00	87.00	83.00	78.00	79.00	84.00	85.00	85.00	87.00	
1986	89.00	89.00	87.00	84.00	86.00	87.00	87.00	85.00	81.00	78.00	72.00	71.00	
1987	70.00	70.00	73.00	77.00	78.00	76.00	70.00	65.00	80.00	81.00	90.00	82.00	
1988	82.00	82.00	85.00	80.00									
OTHER HAY BALED *(Dollars per ton)*													
1978	60.00	58.50	59.50	61.00	59.00	54.50	50.50	49.50	48.50	48.00	52.00	51.00	2/
1979	50.00	47.00	47.00	50.00	45.00	44.00	45.50	43.00	46.00	45.00	44.50	44.50	
1980	49.00	44.00	46.50	45.00	42.50	36.50	41.00	47.00	52.50	55.00	54.00	57.00	
1981	56.00	63.50	62.00	61.00	60.50	61.00	62.00	60.00	64.00	63.00	63.00	64.00	
1982	68.00	70.00	72.00	73.00	71.00	70.00	70.00	67.00	70.00	73.00	72.00	72.00	
1983	72.00	73.00	75.00	75.00	74.00	72.00	72.00	69.00	73.00	74.00	74.00	75.00	
1984	76.00	79.00	80.00	80.00	79.00	77.00	77.00	76.00	78.00	77.00	77.00	77.00	
1985	72.00	72.00	75.00	71.00	71.00	68.00	63.00	60.00	63.00	65.00	65.00	65.00	
1986	64.00	66.00	71.00	70.00	72.00	73.00	71.00	71.00	72.00	67.00	63.00	63.00	
1987	59.00	59.00	58.00	54.00	55.00	56.00	54.00	55.00	70.00	60.00	60.00	62.00	
1988	62.00	64.00	67.00	72.00									
CABBAGE, UPSTATE, FRESH MARKET 3/ *(Dollars per cwt.)*													
1978	6.00	9.20	9.50	10.00	12.00	12.70	10.90	6.70	6.00	6.60	5.80	5.40	10.56
1979	7.80	11.70	16.00	20.80	-	10.10	6.10	5.20	5.20	4.50	4.80	4.80	4.85
1980	4.90	4.55	4.55	5.57	9.10	13.20	8.21	7.11	8.46	7.84	10.70	11.40	9.80
1981	11.00	10.50	9.80	9.80	11.70	8.70	7.30	5.76	6.70	7.00	6.80	6.80	8.25
1982	9.70	10.20	8.95	10.30	-	14.00	13.00	6.60	7.10	7.00	6.40	6.20	6.93
1983	6.10	5.80	5.60	6.10	6.10	11.30	10.70	12.90	13.40	10.40	8.80	11.30	18.90
1984	24.30	30.70	40.30	-	-	18.50	8.60	5.70	5.00	5.00	5.20	5.50	8.25
1985	8.80	8.55	12.00	13.20	-	7.55	7.00	4.50	5.80	4.65	5.90	6.70	7.20
1986	9.10	8.50	8.30	8.85	-	10.60	14.10	10.40	11.40	10.80	10.50	13.00	10.70
1987	10.50	9.40	10.90	955	17.90	15.10	9.90	11.60	10.20	9.50	8.85	8.00	9.50
1988	7.90	7.15	7.85	9.60									

1/ Season average price based on marketing year, not calendar year. (Hay: June of crop year through May of following year. Cabbage: June through May.)
2/ Not available.
3/ FOB price equivalent.

Table 85. PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Season Average, 1978 to Date (*Continued*)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season avg. 1/
ONIONS (Fresh Market) *(Dollars per cwt.)*													
1978	6.00	6.40	8.00	10.00	10.00	-	-	11.30	8.10	7.00	6.80	7.30	7.85
1979	8.15	9.65	8.85	6.75	6.75	-	-	9.90	9.45	8.05	7.55	7.25	7.85
1980	7.11	6.87	7.80	9.35	-	-	-	13.30	11.60	12.10	13.00	15.20	15.10
1981	17.30	18.60	22.90	22.00	22.00	22.00	17.80	18.20	13.70	13.90	14.10	13.90	14.70
1982	14.70	17.90	16.60	13.50	12.40	12.30	-	11.50	8.40	8.10	8.20	6.90	8.23
1983	6.60	8.50	9.40	13.20	-	17.60	-	20.20	17.70	15.50	19.50	19.90	19.40
1984	20.00	21.00	24.60	23.70	23.50	-	-	15.00	13.20	11.50	10.40	10.30	10.70
1985	12.60	9.85	8.90	8.45	9.50	-	14.80	14.80	12.00	10.60	9.90	10.40	11.30
1986	12.60	12.10	10.50	13.20	9.70	9.60	12.00	10.80	14.60	18.50	19.70	18.80	17.10
1987	19.30	23.20	23.90	25.70	25.40	-	29.20	15.80	15.30	15.50	16.80	17.60	19.30
1988	18.50	24.20	23.50	23.60									
POTATOES, All *(Dollars per cwt.)*													
1978	3.99	4.01	4.14	4.61	4.49	3.50	5.50	4.86	4.00	4.18	4.28	4.33	4.49
1979	4.76	4.80	5.08	4.72	5.67	-	4.37	4.81	4.10	4.20	4.05	4.24	4.14
1980	4.30	3.85	3.85	4.10	4.20	-	-	8.15	7.45	7.55	8.70	8.90	8.85
1981	11.30	11.20	11.10	11.10	10.70	-	10.40	7.55	6.50	5.85	5.60	5.70	6.15
1982	5.50	6.00	6.20	6.55	6.65	-	-	5.75	5.30	5.05	4.55	4.65	4.90
1983	4.00	4.65	4.95	6.70	6.95	5.35	-	8.05	6.80	7.40	7.45	7.80	7.85
1984	8.55	8.15	8.85	9.60	7.55	7.30	-	8.10	5.95	5.50	5.25	5.55	5.95
1985	5.85	6.25	6.30	6.80	5.95	6.00	-	3.85	4.35	4.10	3.75	3.65	3.85
1986	3.55	4.50	3.45	3.50	3.05	3.80	-	6.40	7.10	7.95	7.45	8.20	7.55
1987	8.30	8.30	8.85	7.80	13.00	-	-	5.65	5.40	5.35	5.30	6.05	5.70
1988	6.15	6.40	6.65	6.60									
POTATOES, LONG ISLAND *(Dollars per cwt.)*													
1978	3.20	3.25	3.10	3.15	3.50	3.50	4.50	4.15	3.35	3.70	3.85	3.85	3.99
1979	4.40	4.40	4.60	4.60	5.00	-	-	3.95	3.65	3.85	3.80	3.80	3.65
1980	3.80	3.30	3.30	3.20	3.65	-	-	8.85	8.65	8.70	9.85	9.85	10.00
1981	13.00	12.00	12.00	12.20	-	-	8.65	7.10	6.05	6.00	5.65	5.50	6.05
1982	5.60	5.85	5.95	6.00	6.00	-	-	6.10	5.25	4.00	4.00	3.50	4.20
1983	3.50	3.80	4.00	4.25	5.10	5.35	-	8.10	7.40	7.65	7.80	8.05	8.00
1984	8.80	8.50	9.00	8.50	7.00	6.80	-	8.10	5.75	4.85	4.85	4.65	5.40
1985	4.80	4.95	5.00	5.00	5.20	-	-	3.50	3.00	2.80	2.80	2.80	2.90
1986	3.00	2.80	2.80	2.80	2.80	-	-	6.00	6.10	7.40	7.50	7.50	7.10
1987	7.70	7.90	8.00	8.00	-	-	-	5.25	5.20	5.10	5.00	5.20	5.15
1988	5.25	5.20	5.00	5.00									
POTATOES, UPSTATE *(Dollars per cwt.)*													
1978	5.10	5.05	5.20	5.50	5.50	-	6.50	6.00	4.60	4.65	4.90	4.80	4.99
1979	5.15	5.20	5.50	4.75	6.00	-	-	6.30	4.50	4.60	4.30	4.70	4.65
1980	4.75	4.60	4.60	4.75	5.40	-	-	6.80	6.80	6.70	7.70	8.25	7.95
1981	9.45	10.50	10.50	10.40	10.70	-	11.90	9.00	7.00	5.70	5.50	5.85	6.20
1982	5.45	6.05	6.25	6.60	7.20	-	-	7.90	6.25	5.60	5.50	5.25	5.45
1983	4.50	5.25	5.10	7.10	7.50	-	-	8.00	6.50	7.10	7.00	7.50	7.75
1984	8.40	7.85	8.80	9.95	7.95	7.50	-	8.20	6.00	5.90	5.50	6.40	6.30
1985	6.45	7.00	6.95	7.10	6.25	6.00	-	5.60	5.10	4.80	4.50	4.20	4.45
1986	3.90	5.55	3.80	3.75	3.30	3.80	-	8.00	7.70	8.30	7.40	8.50	7.80
1987	8.50	8.50	9.05	7.80	13.00	-	-	6.00	5.50	5.50	5.50	6.40	5.95
1988	6.50	6.70	6.85	6.70									

1/ Season average price based on marketing year, July through June, not calendar year.

Table 86. PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Annual Average, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
BEEF CATTLE *(Dollars per cwt.)*													
1978	27.70	29.70	32.50	34.60	38.20	39.50	40.60	37.&0	39.30	40.40	41.40	41.50	36.60
1979	47.80	50.70	52.40	54.30	57.80	55.30	53.10	48.90	49.60	49.00	49.60	51.60	51.50
1980	50.50	51.60	48.50	46.80	45.80	47.50	45.60	47.30	47.40	46.40	45.40	45.40	47.40
1981	44.00	44.90	42.80	43.80	44.50	44.90	44.00	44.20	41.80	39.00	39.40	37.70	42.40
1982	38.70	39.30	39.90	40.60	44.50	44.70	42.60	41.50	39.30	37.80	37.90	37.40	40.30
1983	37.80	39.60	39.90	41.50	43.80	43.10	39.80	37.40	16.80	34.90	32.70	33.40	38.00
1984	35.00	39.30	40.20	39.80	40.60	40.30	38.80	38.10	35.80	34.70	33.50	34.30	37.60
1985	36.60	38.60	38.70	37.50	39.00	37.80	35.20	34.10	33.00	32.80	32.40	32.80	35.50
1986	33.80	34.60	34.10	32.50	35.60	36.00	34.40	33.50	34.70	34.00	33.80	34.10	34.20
1987	36.30	38.40	40.00	41.70	44.40	43.00	42.40	41.60	42.00	42.70	41.70	43.10	41.40
1988	43.90	45.90	45.60	48.00									
STEERS AND HEIFERS *(Dollars per cwt.)*													
1978	34.60	36.50	40.00	42.20	44.70	49.10	47.90	46.20	44.50	47.70	47.00	49.60	44.00
1979	55.00	59.70	64.30	67.20	67.90	66.10	65.50	62.30	59.70	58.30	56.90	55.90	61.20
1980	58.30	58.30	59.70	54.40	54.80	56.70	55.20	55.60	55.70	54.70	53.00	52.20	55.60
1981	50.90	51.60	50.80	49.40	52.90	52.90	55.00	55.20	51.60	47.30	44.90	45.10	50.70
1982	47.90	46.70	49.10	49.90	54.00	54.20	53.70	50.90	47.40	42.60	44.60	47.20	49.10
1983	46.40	47.60	47.20	51.70	52.70	52.90	50.90	44.70	43.20	42.00	41.00	40.90	47.10
1984	43.20	48.90	47.30	47.40	47.40	47.80	45.10	46.30	42.10	42.90	41.20	44.90	45.30
1985	46.50	44.60	42.00	45.30	45.10	46.20	43.00	42.00	39.60	42.30	42.70	40.60	43.30
1986	41.80	40.80	41.70	39.80	41.80	41.60	42.10	43.60	42.60	40.80	45.30	41.10	41.80
1987	45.40	46.00	47.10	48.40	52.10	52.40	52.50	50.30	54.10	51.60	46.80	50.20	49.60
1988	53.50	55.00	53.40	57.50									
SLAUGHTER COWS *(Dollars per cwt.)*													
1978	26.70	28.70	31.40	33.30	36.80	37.90	39.00	36.20	38.10	38.60	40.20	40.10	35.30
1979	46.20	49.50	50.70	52.30	55.20	53.30	51.10	47.00	48.00	47.00	48.30	50.80	49.80
1980	49.30	50.80	47.30	46.00	44.30	45.80	44.00	46.30	46.30	45.30	44.70	44.70	46.30
1981	43.40	44.20	41.90	43.10	43.00	43.60	42.40	42.40	40.40	37.70	38.80	36.70	41.30
1982	37.30	38.50	38.40	38.90	42.10	42.40	40.90	39.60	37.70	37.00	36.20	35.50	38.60
1983	37.10	38.90	39.10	40.40	42.70	42.00	38.60	36.70	36.20	34.40	32.30	32.90	37.20
1984	34.50	38.60	39.70	39.20	39.90	39.70	38.30	37.60	35.30	34.20	32.60	33.40	36.90
1985	35.90	38.20	38.50	36.80	38.40	36.90	34.60	33.60	32.60	31.80	31.20	32.10	34.90
1986	33.30	34.20	33.60	31.90	34.70	35.50	33.70	13.10	34.10	33.40	32.70	33.50	33.60
1987	35.40	37.80	39.60	41.10	43.60	42.40	41.60	40.90	41.00	41.90	41.30	42.70	40.70
1988	43.30	45.50	44.90	47.20									
CALVES *(Dollars per cwt.)*													
1978	42.70	43.00	46.00	48.60	60.00	61.00	59.90	61.30	65.20	72.60	72.70	69.20	58.20
1979	79.30	88.40	91.80	95.20	105.00	102.00	93.40	75.30	84.80	89.10	84.60	81.30	88.80
1980	91.00	87.60	76.60	79.20	79.70	82.20	78.30	75.00	78.50	76.10	70.20	68.60	78.00
1981	63.70	68.30	64.80	68.40	82.10	80.80	68.00	65.10	64.70	60.90	56.90	57.80	66.20
1982	59.10	59.40	56.00	60.10	73.30	66.50	63.50	58.80	58.90	54.30	51.00	51.20	58.80
1983	59.90	62.60	59.60	65.60	77.60	70.60	54.30	52.10	53.00	55.20	52.30	53.20	59.20
1984	73.00	79.10	72.20	74.80	80.30	78.20	63.10	60.10	66.70	71.90	60.60	67.20	70.50
1985	68.70	66.20	60.60	59.10	67.50	72.50	58.60	49.90	49.00	49.40	52.30	50.60	58.70
1986	54.80	60.10	53.70	50.50	67.80	66.90	52.80	50.50	58.70	63.60	59.00	57.70	57.80
1987	59.10	64.80	63.10	71.30	86.00	86.50	78.40	80.50	85.90	90.50	83.50	80.50	77.50
1988	88.30	94.40	88.10	100.00									

Table 86. PRICES RECEIVED BY FARMERS: Selected Commodities, Monthly and Annual Average, 1978 to Date (*Continued*)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
HOGS 1/ *(Dollars per cwt.)*													
1978	42.20	43.00	44.90	43.90	46.30	44.90	45.90	45.30	45.00	49.00	47.70	47.70	44.90
1979	47.70	52.00	50.50	45.40	45.40	41.80	40.60	36.80	38.50	36.00	34.60	39.30	43.20
1980	37.60	36.90	34.60	29.10	30.10	34.40	41.90	46.40	45.80	47.80	45.90	44.50	39.00
1981	41.50	41.90	39.30	39.00	41.30	47.60	48.50	49.50	48.90	44.00	42.40	39.60	44.10
1982	44.70	48.50	48.70	51.50	56.80	57.60	58.00	61.70	59.80	55.40	51.00	52.90	52.70
1983	54.50	55.20	48.30	45.70	45.30	44.70	44.00	47.40	44.20	41.00	37.70	45.70	46.20
1984	45.60	45.40	45.10	45.50	45.30	47.90	50.80	49.00	46.20	42.80	47.10	46.70	46.30
1985	47.40	46.70	42.90	39.30	39.60	42.30	43.80	42.10	39.30	42.50	42.40	44.30	42.90
1986	44.00	42.00	38.40	38.40	44.30	50.10	55.40	59.30	56.30	57.40	50.10	48.20	47.20
1987	45.20	46.00	44.40	47.30	52.10	55.30	56.30	56.40	50.80	46.10	38.70	38.00	49.10
1988	41.20	43.10	39.40	38.90									
LAMBS *(Dollars per cwt.)*													
1978	52.90	58.80	84.30	60.60	61.00	65.90	59.40	51.90	58.10	58.30	53.90	57.50	62.70
1979	62.90	68.50	68.60	80.20	69.80	71.10	59.30	58.90	78.00	57.30	62.00	65.00	68.20
1980	67.20	65.00	81.60	78.40	69.30	70.40	66.30	63.80	63.50	61.20	54.90	55.30	67.00
1981	55.90	52.20	57.20	88.80	66.40	67.20	61.00	57.10	50.50	46.90	44.40	45.00	60.50
1982	46.50	50.20	72.40	62.00	59.50	59.10	54.30	49.60	47.90	44.80	44.10	50.30	54.80
1983	54.80	58.20	74.70	74.50	60.70	55.60	52.20	44.30	43.40	45.60	46.90	53.00	55.10
1984	59.30	58.30	55.70	86.60	61.60	57.90	50.60	51.60	54.80	55.20	56.60	59.70	64.10
1985	61.40	66.20	94.40	70.00	67.70	64.70	62.50	61.50	62.60	61.10	62.70	63.50	69.20
1986	66.10	68.00	90.20	100.00	70.20	71.70	68.00	62.30	64.10	59.80	61.00	63.40	71.20
1987	69.80	75.70	74.40	107.00	81.60	81.40	73.00	70.50	69.80	66.70	66.60	69.20	76.50
1988	77.90	77.50	106.00	73.60									
MILK, WHOLESALE *(Dollars per cwt.)*													
1978	10.10	10.10	9.90	9.80	9.70	9.70	10.10	10.80	11.20	11.70	11.90	11.70	10.50
1979	11.80	11.80	11.40	11.20	11.10	10.90	11.60	12.30	12.60	12.90	12.90	12.50	11.90
1980	12.60	12.70	12.50	12.30	12.20	12.10	12.60	13.10	13.60	14.00	14.10	14.00	13.00
1981	14.00	13.90	13.60	13.40	13.20	13.00	13.50	13.90	14.20	14.50	14.30	14.00	13.80
1982	13.90	13.80	13.60	13.30	13.00	13.00	13.40	13.90	14.20	14.40	14.30	14.10	13.70
1983	13.90	13.90	13.50	13.40	13.10	12.90	13.40	13.90	14.10	14.30	14.30	13.70	13.70
1984	13.60	13.40	13.20	12.90	12.80	12.70	13.20	13.70	14.20	14.50	14.70	14.10	13.50
1985	14.00	13.80	13.30	12.80	12.30	11.80	12.30	12.60	12.80	13.00	12.90	12.70	12.80
1986	12.60	12.50	12.10	11.90	11.70	11.70	12.20	12.90	13.30	13.80	13.90	13.50	12.60
1987	13.40	13.10	12.50	12.10	11.70	11.70	12.20	12.70	13.30	13.50	13.40	12.90	12.70
1988	12.50	12.30	11.90	11.50									
EGGS 1/ *(Cents per dozen)*													
1978	43.6	51.3	49.6	43.3	39.7	36.2	46.1	48.2	47.7	48.1	55.4	59.8	46.5
1979	59.1	56.2	60.8	56.4	49.7	53.5	50.0	51.3	50.6	48.7	55.7	62.5	54.4
1980	48.5	44.9	47.7	44.7	37.8	40.3	49.4	51.2	55.2	53.8	64.1	67.1	50.3
1981	60.4	55.1	54.2	55.5	49.6	48.1	52.1	55.3	58.2	58.3	66.0	2/59.6	56.7
1982 2/	65.0	61.3	62.9	55.6	47.3	46.9	47.4	49.8	51.6	53.3	53.1	50.4	54.6
1983	48.3	50.6	53.6	53.6	54.8	53.8	51.6	59.5	61.8	66.4	77.5	89.4	56.7
1984	100.0	86.1	78.7	90.0	61.6	57.6	57.4	54.8	56.1	51.1	59.7	56.0	70.0
1985	48.7	47.9	55.4	48.6	44.5	54.1	51.1	60.0	63.6	65.3	68.9	65.5	55.0
1986	63.2	58.0	68.1	53.8	52.2	46.2	56.1	56.2	59.7	54.9	64.7	60.7	58.2
1987	54.6	50.3	48.7	47.0	40.6	42.9	40.8	44.4	51.2	48.3	47.2	45.7	48.6
1988	42.5	40.5	41.4	38.0									

1/ Marketing year is December 1 of previous year through November 30 of the year indicated.
2/ Starting December 1981, table egg price replaces all egg price series.

Table 87. PRICES PAID BY FARMERS: Selected Commodities, Monthly and Annual Average, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
MILK COWS FOR HERD REPLACEMENT *(Dollars per head)*													
1978	515	530	545	545	605	665	665	665	705	770	780	800	649
1979	850	890	950	1,000	1,020	1,050	1,100	1,100	1,100	1,100	1,150	1,150	1,040
1980	1,160	1,190	1,200	1,200	1,170	1,180	1,160	1,190	1,200	1,230	1,250	1,240	1,200
1981	1,230	1,220	1,190	1,160	1,160	1,170	1,180	1,180	1,170	1,150	1,130	1,120	1,170
1982	1,120	1,090	1,060	1,050	1,040	1,040	1,040	1,050	1,020	1,020	1,010	1,010	1,060
1983	1,000	990	980	970	970	980	970	960	910	870	870	850	950
1984	800	800	840	860	850	840	840	830	810	810	800	790	810
1985	800	800	810	820	820	810	800	790	780	750	740	740	790
1986	740	750	740	740	750	770	770	760	750	760	770	770	755
1987	790	790	810	830	840	850	860	860	860	870	870	870	840
1988	880	890	910	920									
MIXED DAIRY FEED, 16% PROTEIN *(Dollars per ton)*													
1978	119	133	133	137	132	136	138	132	134	136	142	146	136.50
1979	148	150	152	148	148	150	158	161	161	167	167	172	156.80
1980	167	165	168	167	168	169	169	185	190	197	205	205	179.60
1981	210	205	197	199	200	198	190	186	188	185	183	183	193.70
1982	176	184	180	180	188	183	179	171	168	172	170	168	176.60
1983	175	176	178	182	190	189	187	194	205	210	210	215	192.60
1984	210	205	205	205	200	200	195	186	188	183	181	173	194.30
1985	172	174	171	168	163	162	161	162	156	156	158	167	164.20
1986 1/	169	168	-	169	-	-	160	-	-	154	-	-	162.90
1987	155	-	-	151	-	-	153	-	-	152	-	-	152.80
1988	166	-	-	167									
CHICK STARTER MASH *(Dollars per ton)*													
1978	165	159	164	172	173	185	172	170	165	160	168	178	169.30
1979	173	178	185	178	181	184	199	199	196	198	199	205	189.60
1980	187	196	194	198	197	205	215	230	235	250	255	260	219.00
1981	255	245	235	240	250	245	215	240	240	225	225	220	238.00
1982	215	215	215	215	225	225	220	213	205	205	200	200	213.00
1983	205	210	215	220	235	235	225	240	255	265	270	260	236.00
1984	255	255	250	255	235	230	215	230	220	215	215	200	233.00
1985	205	205	205	210	200	200	200	190	200	205	200	210	203.00
1986 1/	215	205	-	196	-	-	198	-	-	191	-	-	198.80
1987	172	-	-	186	-	-	190	-	-	184	-	-	183.00
1988	207	-	-	194									
COMPLETE LAYING FEED *(Dollars per ton)*													
1978	141	142	148	151	151	156	148	149	148	145	149	149	148.10
1979	150	153	159	152	150	162	175	176	175	175	170	178	164.60
1980	167	169	172	177	177	184	185	200	205	220	220	215	192.60
1981	235	220	215	225	225	225	210	210	215	198	200	197	215.00
1982	191	195	192	189	195	195	193	200	187	184	182	196	191.60
1983	205	210	215	215	225	225	220	230	245	240	250	240	227.00
1984	230	235	230	235	215	220	215	210	205	210	195	194	216.00
1985	200	194	192	191	183	192	184	180	195	192	184	197	190.30
1986 1/	196	190	-	177	-	-	173	-	-	158	-	-	175.30
1987	160	-	-	164	-	-	171	-	-	161	-	-	164.00
1988	176	-	-	172									

1/ Starting with April 1986 only regional prices are published quarterly. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

Table 87. PRICES PAID BY FARMERS: Selected Commodities, Monthly and Annual Average, 1978 to Date (*Continued*)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
MIXED HOG FEED, 14-18% PROTEIN *(Dollars per cwt.)*													
1978	7.90	7.80	7.90	8.10	8.10	8.20	8.10	7.90	7.80	8.00	8.10	8.20	8.01
1979	8.30	8.30	8.50	8.40	8.50	8.60	9.40	9.40	9.40	9.50	9.40	9.50	8.93
1980	9.40	9.30	9.20	9.40	9.40	9.60	9.60	10.50	11.00	11.00	11.00	11,40	10.10
1981	11.00	11.50	11.00	11.00	11.00	11.50	11.00	11.00	11.00	10.50	10.50	10.00	10.90
1982	9.90	10.00	9.80	10.00	10.50	10.00	10.00	10.00	9.70	9.70	9.60	9.60	9.90
1983	9.80	9.80	9.70	10.50	10.50	10.50	10.50	11.00	11.50	12.00	12.00	12.00	10.80
1984	12.00	11.50	11.00	11.50	11.50	11.60	11.50	11.10	11.20	11.10	10.90	10.60	11.30
1985	10.20	10.20	10.20	10.20	10.00	9.90	9.80	9.90	9.80	9.80	9.50	9.80	9.94
1986 1/	9.90	9.90	-	9.48	-	-	9.50	-	-	8.90	-	-	9.45
1987	8.80	-	-	8.60	-	-	9.10	-	-	8.90	-	-	8.85
1988 2/	9.35	-	-	9.40									
BEEF CATTLE CONCENTRATE, 32-36% PROTEIN *(Dollars per cwt.)*													
1978	9.20	9.20	9.50	9.30	9.70	10.00	9.40	9.20	9.30	8.60	9.40	10.00	9.40
1979	10.50	10.50	10.50	9.50	9.20	10.00	12.00	10.50	10.00	10.50	10.50	11.50	10.40
1980	10.50	10.00	9.80	11.00	12.00	11.50	12.50	12.50	13.00	13.50	13.50	15.00	12.10
1981	14.00	13.50	12.50	12.50	12.50	12.00	11.50	12.50	12.50	13.50	14.50	14.00	13.00
1982	14.00	13.50	13.00	13.50	13.50	13.50	13.50	12.50	12.00	12.00	12.00	11.00	12.70
1983	12.00	12.00	11.50	12.00	12.00	12.00	12.00	12.50	13.00	13.00	13.00	13.00	12.30
1984	13.00	12.50	12.00	12.00	13.00	13.50	13.50	13.00	13.00	13.00	12.50	12.50	12.80
1985	13.00	12.50	12.00	12.00	11.00	11.00	11.00	12.00	12,50	11.50	11.50	11.00	11.80
1986 1/	12.00	11.50	-	11.60	-	-	11.20	-	-	10.50	-	-	11.30
1987	11.10	-	-	11.40	-	-	11.60	-	-	10.40	-	-	11.10
1988 2/	12.90	-	-	12.05									
MOLASSES, LIQUID *(Dollars per cwt.)*													
1978	4.70	4.65	4,70	4.75	4.70	4.75	4.80	4.80	5.00	5.10	5.50	5.70	4.93
1979	6.00	6.10	6.10	6.20	6.30	6.30	6.30	6.50	6.60	6.70	6.80	6.70	6.38
1980	6.80	7.00	7.10	7.20	7.20	7.50	7.50	7.20	7.60	7.80	7.90	8.60	7.45
1981	8.40	8.40	8.60	8.80	8.60	8.10	8.00	8.00	8.00	7.90	7.70	7.40	8.16
1982	7.30	7.60	7.60	7.70	7.70	7.70	7.40	7.00	7.00	7.00	7.00	7.00	7.33
1983	7.00	7.00	7.00	7.00	7.10	7.10	7.00	7.20	7.80	8.00	8.00	7.90	7.34
1984	8.00	8.40	7.80	7.80	7.50	7.40	7.30	7.20	7.20	7.10	7.10	7.10	7.49
1985	7.10	7.10	7.00	7.00	6.90	6.80	6.80	6.80	6.70	6.80	6.80	6.90	6.89
1986 1/	7.00	7.00	-	7.77	-	-	7.80	-	-	8.60	-	-	7.79
1987	7.90	-	-	7.70	-	-	8.50	-	-	8.90	-	-	8.25
1988	7.80	-	-	7.90									
STOCK SALT *(Dollars per cwt.)*													
1978	4.00	4.15	4.15	4.20	4.15	4.10	4.10	4.05	4.20	4.30	4.40	4.40	4.18
1979	4.35	4.55	4.50	4.50	4.50	4.50	4.80	4.60	4.50	4.65	4.75	4.80	4.58
1980	4.90	5.00	5.10	5.40	5.50	5.30	5.40	5.50	5.70	6.10	5.90	5.80	5.47
1981	5.80	6.20	6.50	6.00	6.20	6.20	6.00	6.30	6.50	6.60	6.60	6.50	6.28
1982	6.50	6.50	6.60	6.70	6.70	6.70	6.60	6.60	6.80	6.80	6.80	6.90	6.68
1983	6.80	6.70	6.80	7.20	7.00	6.90	6.90	7.00	7.40	7.60	7.70	7.90	7.16
1984	8.20	7.80	7.70	7.70	7.80	7.50	7.60	7.50	7.60	7.40	7.60	7.50	7.66
1985	8.00	8.20	8.00	8.10	8.10	8.20	8.10	8.40	8.40	8.40	8.30	8.50	8.23
1986 1/	8.40	7.90	-	8.73	-	-	8.70	-	-	8.80	-	-	8.60
1987	8.80	-	-	8.70	-	-	8.90	-	-	8.80	-	-	8.80
1988	8.80	-	-	9.00									

1/ Starting with April 1986 only regional prices are published quarterly. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.
2/ Priced by ton and converted to cwt. price starting with April 1988.

Table 87. PRICES PAID BY FARMERS: Selected Commodities, Monthly and Annual Average, 1978 to Date (*Continued*)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
BRAN *(Dollars per cwt.)*													
1978	6.80	6.80	6.90	7.00	6.70	7.00	6.80	6.80	6.60	6.60	6.90	7.00	6.83
1979	7.20	7.20	7.40	7.10	7.10	7.20	7.70	7.60	7.70	7.70	7.90	8.10	7.49
1980	8.30	8.00	8.00	8.70	9.00	8.70	8.80	8.90	9.60	9.80	9.90	10.50	9.02
1981	10.50	10.50	10.00	10.00	10.00	10.00	9.50	9.50	9.40	9.30	9.60	9.40	9.81
1982	9.20	9.40	8.80	8.90	9.40	9.30	9.20	9.00	8.80	8.70	8.60	8.50	8.98
1983	8.80	8.70	8.70	8.90	9.20	9.40	9.30	9.50	9.80	10.00	10.50	11.00	9.48
1984	10.50	10.50	10.00	10.50	10.00	9.80	9.50	9.00	9.20	9.10	9.20	8.80	9.68
1985	8.70	8.50	8.40	8.30	8.10	7.80	8.00	7.90	7.70	7.60	7.90	8.10	8.08
1986 1/	8.40	8.50	-	8.93	-	-	8.30	-	-	8.50	-	-	8.55
1987	8.50	-	-	8.20	-	-	8.30	-	-	7.70	-	-	8.18
1988	8.80	-	-	9.00									
CORN MEAL *(Dollars per cwt.)*													
1978	6.20	6.10	6.20	6.40	6.30	6.60	6.60	6.50	6.40	6.30	6.30	6.30	6.35
1979	6.40	6.50	6.50	6.60	6.60	7.00	7.70	7.90	8.10	8.00	7.70	7.50	7.21
1980	7.40	7.40	7.50	7.50	7.60	7.80	8.00	8.80	9.10	9.30	9.10	9.20	8.23
1981	9.30	9.40	9.30	9.80	9.80	10.00	9.80	9.80	9.40	8.50	8.10	8.00	9.27
1982	7.70	7.90	7.90	8.00	8.10	7.90	7.90	7.80	7.70	7.70	7.70	7.80	7.84
1983	7.80	7.90	7.90	8.40	8.80	8.80	8.90	9.30	9.90	10.00	9.80	9.80	8.94
1984	9.80	9.60	9.50	9.60	9.60	9.70	9.80	9.80	9.60	9.40	8.80	8.70	9.49
1985	8.60	8.60	8.60	8.50	8.20	8.20	8.20	8.20	8.10	7.90	7.60	7.80	8.21
1986 1/	7.70	7.90	-	7.84	-	-	7.90	-	-	7.10	-	-	7.66
1987	7.00	-	-	6.90	-	-	7.30	-	-	6.90	-	-	7.03
1988	7.00	-	-	7.40									
SOYBEAN MEAL, 44% PROTEIN *(Dollars per cwt.)*													
1978	12.00	11.00	11.50	12.00	11.50	12.00	12.00	12.00	11.50	11.50	12.50	12.50	11.80
1979	13.00	13.00	13.00	13.00	13.00	14.00	13.00	13.50	13.50	13.50	13.00	13.00	13.20
1980	13.00	13.00	12.50	12.50	12.50	12.50	13.50	14.50	15.00	15.50	17.00	17.50	14.10
1981	17.00	16.50	16.50	16.50	16.50	16.00	15.50	15.50	15.50	14.50	14.50	14.50	15.80
1982	14.50	15.00	15.00	14.50	15.00	14.50	14.50	14.00	13.50	13.80	13.50	13.50	14.20
1983	14.00	13.50	13.50	13.50	14.00	14.00	14.00	15.00	16.50	16.50	16.50	16.00	14.80
1984	16.00	15.50	14.50	14.50	14.50	14.50	14.00	13.00	12.50	12.00	12.00	12.00	13.80
1985	11.50	11.50	10.50	10.50	10.00	9.80	9.60	9.90	10.00	10.50	10.50	11.00	10.40
1986 1/	11.00	11.50	-	11.70	-	-	11.80	-	-	11.70	-	-	11.60
1987	11.70	-	-	11.50	-	-	12.50	-	-	12.30	-	-	12.00
1988	13.90	-	-	13.20									

1/ Starting with April 1986 only regional prices are published quarterly. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, and Delaware.

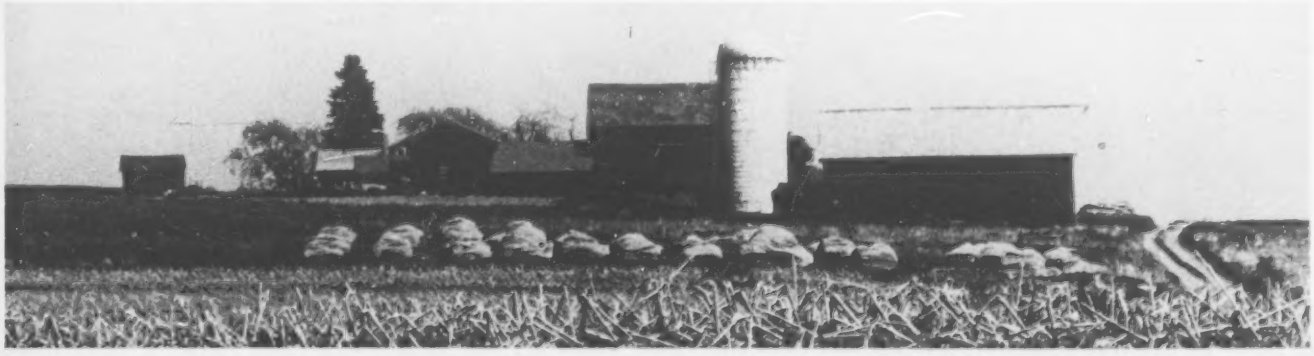


Table 88. PRICES PAID BY FARMERS: Motor Fuel, Monthly and Annual Average, 1978 to Date

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Gasoline, Regular, Bulk Delivery, Per Gallon													
1978	.610	.600	.610	.610	.610	.630	.640	.640	.650	.650	.650	.660	.630
1979	.670	.680	.700	.750	.790	.830	.880	.920	.960	.970	.980	.980	.843
1980	1.050	1.130	1.190	1.200	1.170	1.180	1.190	1.170	1.190	1.180	1.200	1.220	1.170
1981	1.230	1.320	1.360	1.360	1.350	1.330	1.310	1.340	1.320	1.320	1.320	1.320	1.320
1982	1.320	1.310	1.260	1.170	1.170	1.230	1.250	1.260	1.260	1.290	1.270	1.260	1.250
1983	1.250	1.240	1.130	1.190	1.250	1.240	1.250	1.280	1.270	1.270	1.260	1.250	1.240
1984	1.230	1.220	1.220	1.210	1.230	1.220	1.230	1.210	1.230	1.210	1.220	1.180	1.220
1985	1.170	1.160	1.190	1.180	1.200	1.220	1.220	1.220	1.230	1.240	1.250	1.240	1.210
1986 1/	1.240	1.180	-	.888	-	-	.850	-	-	.820	-	-	.942
1987	.860	-	-	.890	-	-	.930	-	-	.960	-	-	.910
1988	.940	-	-	.920									
Gasoline, Unleaded Regular, at Service Station, Per Gallon													
1978	.650	.650	.650	.650	.640	.650	.660	.660	.680	.680	.680	.690	.662
1979	.700	.720	.740	.790	.840	.900	.960	1.010	.1030	1.050	1.050	1.070	.905
1980	1.150	1.220	1.270	1.310	1.290	1.300	1.300	1.290	1.300	1.290	1.290	1.130	1.280
1981	1.330	1.420	1.450	1.450	1.440	1.420	1.400	1.410	1.410	1.400	1.400	1.400	1.410
1982	1.390	1.370	1.320	1.260	1.250	1.310	1.320	1.330	1.320	1.330	1.320	1.330	1.320
1983	1.300	1.270	1.230	1.260	1.280	1.280	1.310	1.300	1.300	1.290	1.280	1.280	1.280
1984	1.250	1.240	1.230	1.230	1.250	1.240	1.230	1.220	1.220	1.210	1.210	1.200	1.230
1985	1.180	1.160	1.180	1.200	1.230	1.240	1.250	1.240	1.260	1.250	1.270	1.270	1.230
1986 1/	1.260	1.220	-	.902	-	-	.901	-	-	.850	-	-	.973
1987	.880	-	-	.930	-	-	.970	-	-	.990	-	-	.943
1988	.980	-	-	.940									
Diesel Fuel, Bulk Delivery, Per Gallon													
1978	.500	.510	.500	.500	.510	.500	.500	.500	.510	.520	.530	.530	.509
1979	.550	.570	.590	.630	.660	.700	.750	.810	.840	.850	.860	.870	.723
1980	.900	.970	.990	1.050	1.040	1.050	1.030	1.060	1.050	1.050	1.080	1.150	1.030
1981	1.220	1.330	1.370	1.320	1.310	1.310	1.320	1.320	1.310	1.310	1.310	1.330	1.310
1982	1.290	1.290	1.260	1.190	1.190	1.230	1.240	1.250	1.240	1.210	1.250	1.260	1.240
1983	1.220	1.220	1.160	1.100	1.140	1.140	1.120	1.130	1.120	1.120	1.120	1.120	1.140
1984	1.140	1.220	1.190	1.160	1.140	1.140	1.130	1.100	1.100	1.100	1.110	1.110	1.140
1985	1.110	1.110	1.110	1.070	1.080	1.070	1.040	1.030	1.020	1.050	1.090	1.120	1.080
1986 1/	1.150	1.080	-	.845	-	-	.709	-	-	.690	-	-	.840
1987	.760	-	-	.760	-	-	.750	-	-	.790	-	-	.765
1988	.830	-	-	.830									

1/Starting with April 1986 only regional prices are published. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland and Delaware.

Table 89. PRICES PAID BY FARMERS: Fertilizer, Per Ton, Annual Average, 1978-1987

Year	5-10-10	10-10-10	10-20-20	15-15-15	Super Phosphate 44-46%	Urea 45-46% N	Ground limestone spread on field
				Dollars			
1978	113.00	123.00	159.00	156.00	-	189.00	17.80
1979	134.00	148.00	189.00	181.00	-	213.00	20.40
1980	168.00	185.00	226.00	214.00	265.00	259.00	22.80
1981	184.00	201.00	236.00	228.00	271.00	275.00	22.50
1982	180.00	194.00	236.00	219.00	264.00	278.00	23.80
1983	159.00	168.00	209.00	206.00	221.00	249.00	23.90
1984	168.00	176.00	214.00	211.00	231.00	250.00	24.30
1985	149.00	163.00	198.00	194.00	204.00	238.00	24.80
1986 1/	138.00	150.00	180.00	178.00	200.00	200.00	23.30
1987	141.00	152.00	184.00	179.00	204.00	190.00	23.40

1/ Starting with 1986 only regional prices are published. Prices shown are for the Northeast which includes New England, New York, Pennsylvania, New Jersey, Maryland, Delaware, and West Virginia.

Table 90. AGRICULTURAL LABOR: Wage Rates For Hired Workers, Northeast I, April, July, October, and Annual, 1980 to Date 1/

Year	Type of Work						Method of Pay		
	All hired workers	Field and livestock workers	Field workers	Livestock workers	Supervisors	Other agricultural workers	By hour	Piece-rate	Other
	Dollars per hour								
April									
1980	3.02	2.84	3.00	2.63	4.95	3.68	3.09	2.16	4/
1981	3.28	2.93	3.42	2.52	5.13	4.15	3.63	3.26	4/
1982 3/									
1983 3/									
1984 3/									
1985	4.00	3.62	4.19	3.33	5.99	5.03	4.29	4.42	3.66
1986	4.44	4.11	4.60	3.77	6.62	4.93	4.62	2/	4.18
1987	4.52	4.17	4.66	3.60	7.13	6.31	4.55	2/	4.43
1988	4.86	4.57	5.23	3.97	7.54	6.53	4.92	2/	4.75
July									
1980	2.93	2.76	2.80	2.70	5.17	3.60	3.20	2/	4/
1981 3/									
1982	3.48	3.43	3.59	3.02	5.63	3.17	3.77	4.06	2.97
1983	3.44	3.23	3.15	3.41	5.56	4.13	3.51	2/	3.28
1984	3.61	3.33	3.36	3.28	5.34	4.94	3.67	2/	3.46
1985	3.84	3.63	3.79	3.39	6.40	4.56	4.01	2/	3.61
1986	4.23	4.06	4.31	3.61	2/	5.15	4.45	2/	3.70
1987	4.62	4.34	4.59	3.90	6.67	2/	4.88	2/	3.97
October									
1980	3.37	3.11	3.17	3.02	5.22	3.78	3.60	3.79	4/
1981 3/									
1982 3/									
1983 3/									
1984	4.00	3.80	4.05	3.33	5.52	4.92	3.94	4.57	3.58
1985	4.16	4.02	4.15	3.76	6.32	4.22	4.13	5.29	3.98
1986	4.56	4.32	4.66	3.77	6.88	5.01	4.56	5.91	4.31
1987	4.63	4.42	4.67	4.00	6.64	2/	4.74	5.71	4.32
Annual									
1980	3.09	2.88	2.96	2.75	5.11	3.71	3.25	3.50	4/
1981 3/									
1982 3/									
1983 3/									
1984 3/									
1985	4.01	3.78	4.02	3.47	6.21	4.48	4.13	4.69	3.73
1986	4.41	4.17	4.50	3.72	6.69	5.01	4.53	2/	4.06
1987	4.60	4.32	4.64	3.84	6.79	6.18	4.75	5.76	4.23

1/ Estimates reflect actual payroll data for the week which includes the 12th of the month. Excludes perquisites. Northeast I is New York and New England combined.
2/ Insufficient data for this category.
3/ No survey conducted for July 1981, October 1981-83 and April 1982-84.
4/ Not available.

Table 91. AGRICULTURAL LABOR: Number of Workers and Hours Worked, Northeast I, April, July and October, 1980 to Date 1/

Year	Number of Workers				Hours Worked Per Week		
	Total	Self-employed	Unpaid workers	Hired	Self-employed	Unpaid workers	Hired workers
	Thousands				Hours		
April							
1980	166.0	3/	3/	70.0	3/	3/	37.1
1981	168.0	3/	3/	71.0	3/	3/	39.6
1982 2/							
1983 2/							
1984 2/							
1985	129.0	50.0	28.0	51.0	55.7	40.0	41.1
1986	120.0	45.0	24.0	51.0	57.4	36.5	39.7
1987	109.0	40.0	15.0	54.0	60.8	44.9	40.4
1988	103.0	39.0	16.0	48.0	59.0	37.2	41.1
July							
1980	218.0	3/	3/	94.0	3/	3/	40.3
1981 2/							
1982	152.2	50.0	41.2	61.0	56.9	34.6	39.9
1983	152.9	43.5	36.4	73.0	62.1	45.8	36.5
1984	167.8	52.4	38.8	76.6	62.7	46.7	40.3
1985	158.0	53.0	37.0	68.0	57.2	39.9	39.1
1986	137.0	46.0	21.0	70.0	64.1	43.6	38.4
1987	126.0	38.0	19.0	69.0	56.6	42.5	43.1
October							
1980	177.0	3/	3/	79.0	3/	3/	40.0
1981 2/							
1982 2/							
1983 2/							
1984	163.2	54.4	35.7	73.1	59.7	39.5	45.7
1985	137.0	51.0	25.0	61.0	58.3	41.2	40.1
1986	125.0	43.0	18.0	64.0	64.1	47.0	39.9
1987	112.0	36.0	15.0	61.0	57.0	38.1	44.5

1/ Estimates reflect actual payroll data for the week which includes the 12th of the month. Excludes perquisites. Northeast I is New York and New England combined.
2/ No survey conducted for July 1981, October 1981-83 and April 1982-84.
3/ Not available.

Table 92. COLD STORAGE CAPACITY: Refrigerated Space by Type of Warehouse and Total Capacity by Cities, October 1, 1987

Type of Refrigerated Warehouse	Storages	Gross Space			Usable Space		
		Cooler	Freezer	Total	Cooler	Freezer	Total
	Number	1,000 cu. ft.					
Refrigerated Space by Type of Warehouse 1/							
General Storages:							
Public	36	10,521	38,376	48,897	7,879	25,326	33,205
Private and Semi-Private	73	16,597	8,678	25,275	12,351	6,532	18,883
Apple Storages:							
Public	14	5,552	-	5,552	4,507	-	4,507
Private and Semi-Private	172	25,147	322	25,469	20,988	258	21,246
TOTAL	295	57,816	47,377	105,193	45,724	32,116	77,840
Refrigerated Storage Capacity in Cities 2/ 3/							
Albany-Schenectady-Troy, N.Y.	17	3,215	2,302	5,517	2,243	1,510	3,753
Buffalo, N.Y.	30	4,441	3,253	7,694	3,516	2,370	5,887
New York, N.Y.-N.J.	23	3,778	3,904	7,682	2,883	3,031	5,914
Rochester, N.Y.	46	15,760	20,804	36,564	12,805	15,582	28,387
Syracuse, N.Y.	11	1,638	13,127	14,765	1,418	6,494	7,913

1/ Totals may not add due to rounding.
2/ Standard metropolitan statistical areas defined by the Bureau of the Budget in 1964. Includes areas in and around city/cities names.
3/ Cities having 3 or more plants and at least 3 million cubic feet of usable piling space.

Table 93. COLD STORAGE CAPACITY: Number of Refrigerated Warehouses and Gross Refrigerated Space, by Type, October 1, 1971-1987

Type Of Refrigerated Warehouse	1971	1973	1975	1977	1979	1981	1983	1985	1987
					Number				
Refrigerated Warehouses									
General Storages:									
Public	58	49	49	48	45	42	43	38	36
Private and Semi-Private	132	113	90	81	97	78	86	77	73
Apple Storages:									
Public	15	12	12	10	13	16	14	13	14
Private and Semi-Private	172	167	162	156	189	178	172	172	172
TOTAL	377	341	313	293	344	314	315	300	295
Gross Refrigerated Space 1/					1,000 cu. ft.				
General Storages:									
Public	42,914	47,771	49,683	44,791	47,114	40,842	43,810	37,562	48,897
Private and Semi-Private	29,465	22,427	19,493	20,663	24,950	20,320	21,989	20,610	25,275
Apple Storages:									
Public	5,385	4,942	4,969	4,509	6,140	8,235	7,383	7,245	5,552
Private and Semi-Private	21,130	21,771	28,975	21,152	23,536	22,200	23,124	24,987	25,469
TOTAL	98,893	96,911	103,120	91,115	101,740	91,597	96,307	90,404	105,193

1/ Totals may not add due to rounding.

1987 CROP SEASON WEATHER

April was warm and dry. Temperatures were well above normal much of the month until the last week when they averaged well below normal. Precipitation was well below normal for the month.

Cool temperatures continued into **May** and widespread frost was reported through the first half of the month. Temperatures warmed to seasonable levels by mid-month and during the last week soared into the 90's. Hot, humid conditions continued. Precipitation was generally below normal for the month though amounts varied greatly by location.

Rain arrived the first week in **June** and helped bring seasonal precipitation levels closer to normal accumulations. Temperatures mid-month were again in the 90's and precipitation was below normal. Late June saw heavy rainfall and temperatures below normal.

Scattered, highly variable rainfall and above normal temperatures were evident through the middle of **July**. Hot and humid conditions gave way to near record lows during the third week of July but rebounded to above normal levels quickly. Late July saw the return of near normal night time lows.

August was ushered in by substantial rains from the Finger Lakes to the Niagara Frontier. Other areas received slight amounts. Temperatures mid-month fluctuated from above normal in western areas to below normal in the east. Rain was generally above normal. Cold, wet conditions late in the month saw temperatures dip into the 30's. Scattered frost was reported in mountain areas and temperatures never topped the mid-70's.

Cool temperatures continued into **September** and several record breaking lows were reported. Rainfall was well above normal mid-month and temperatures remained seasonable to months' end.

A freak snow storm in Eastern New York in early **October** dumped up to 20 inches of snow in the Hudson Valley and surrounding areas. Precipitation the remainder of the month was light. Temperatures late in the month averaged several degrees below normal.

Table 94. TEMPERATURE: Departures From Normal by Months at Selected Stations, 1987

Station	April	May	June	July	August	September	October
				Degrees F.			
Albany	3.8	2.5	1.6	2.1	-2.0	- .6	-3.9
Batavia	4.6	4.1	3.1	3.3	- .2	.8	-4.2
Binghamton	4.4	2.6	2.1	2.2	-1.1	- .7	-3.9
Bridgehampton	1.3	.6	2.2	.5	-2.7	- .8	-4.3
Buffalo	4.6	4.4	2.9	3.5	0.0	1.3	-3.6
Canton	5.0	- .9	.9	2.1	-1.7	- .6	-2.6
Chazy	6.0	.1	1.1	.4	-2.1	- .2	-1.9
Cooperstown	3.6	2.3	2.3	2.1	-2.1	- .1	-3.1
Dansville	1/	1/	1/	1/	1/	1/	-4.6
Elmira	4.8	3.5	3.3	3.6	.1	1.1	-3.8
Fredonia	1/	4.8	2.9	2.6	- .4	.6	-4.6
Geneva	2.9	3.0	1.6	1.8	-2.3	-1.0	-4.5
Glens Falls	3.7	1.1	.9	1.4	-2.1	- .6	-3.5
Gloversville	3.0	- .2	1.1	1.2	-2.2	-1.7	-4.1
Ithaca	3.2	1.6	2.0	2.0	-1.3	- .1	-4.3
Liberty	2.1	1.2	1.6	3.5	-1.0	0.0	-4.3
Little Valley	3.5	3.5	3.1	4.2	- .5	.5	-4.3
Lowville	4.8	.7	.5	1.8	-2.8	-1.0	-4.0
Massena	5.6	- .8	.8	1.6	-2.4	0.0	-3.4
New York City	1.0	.4	2.1	1.2	-1.1	.1	-3.1
Poughkeepsie	1.2	.6	.2	- .2	-3.9	-2.1	-5.9
Riverhead	2.3	1.6	3.3	3.2	-1.0	.3	-1.7
Rochester	3.7	3.0	1.2	1.4	-2.2	- .6	-4.6
Syracuse	5.8	3.3	2.0	2.7	- .8	-1.0	-3.6
Utica	5.2	2.7	1.9	2.0	-1.2	1/	-3.0
Watertown	5.3	2.4	1.5	2.3	- .6	.2	-2.0

Table 95. PRECIPITATION: Departures From Normal by Months at Selected Stations, 1987

Station	April	May	June	July	August	September	October	Season Departures Apr.-Oct.
				Inches				
Albany	1.31	-1.74	.25	- .50	.33	3.75	3.97	7.37
Batavia	.15	-2.14	1.71	1.19	- .59	1.45	.07	1.84
Binghamton	1.13	-1.90	.22	.87	.82	1.22	- .34	2.02
Bridgehampton	2.96	-1.36	-2.06	- .28	1.55	3.58	-1.85	2.54
Buffalo	.34	-1.54	5.64	.13	- .78	1.95	- .31	5.43
Canton	- .98	- .84	- .52	3.78	-1.55	.67	.03	.59
Chazy	1/	- .65	- .01	.08	- .54	.70	-2.07	1/
Cooperstown	.82	-1.76	1.66	.75	.30	2.05	- .58	3.24
Dansville	1/	1/	1/	1/	1/	1/	- .19	1/
Elmira	.63	-1.72	1.99	1.33	- .39	.04	- .77	1.11
Fredonia	1/	-1.99	.75	1.59	.58	1.81	.31	1/
Geneva	.54	-1.87	1.26	2.76	.23	2.20	- .01	5.11
Glens Falls	.30	-1.44	4.60	-1.00	.82	4.72	2.00	10.00
Gloversville	1.15	-1.47	1.10	- .03	.07	4.04	1.94	6.80
Ithaca	1.58	-1.00	- .52	1.42	- .33	.16	- .30	1.01
Liberty	2.86	-1.36	- .81	1.18	1.29	4.86	1.90	9.92
Little Valley	-1.11	-2.49	1.31	3.70	.85	.87	- .19	2.94
Lowville	-1.37	-1.97	2.56	- .41	- .80	1.49	.30	- .20
Massena	- .83	- .91	1.19	2.06	- .24	- .99	- .80	- .52
New York City	.98	-1.70	1.24	.15	- .26	- .53	.04	- .08
Poughkeepsie	2.81	-1.40	-1.08	1.01	.02	2.93	1.40	5.69
Riverhead	2.33	-1.61	-1.98	-1.52	.59	.74	- .79	2.24
Rochester	1.04	-1.39	1.16	3.37	.72	1.94	- .89	5.95
Syracuse	- .03	-1.75	1.41	-1.60	.66	2.70	- .01	1.38
Utica	.12	-1.94	2.55	-1.72	-1.19	1/	.33	1/
Watertown	- .56	-1.45	2.15	-1.12	-1.38	1.11	.24	-1.01

1/ Data not available.

Weather information and data furnished in cooperation by U.S. Dept. of Commerce, NOAA, National Weather Service.

Table 96. TEMPERATURES: Monthly Average Temperatures at Selected Stations, 1987

Station	April	May	June	July	August	September	October
				Degrees F.			
Albany	50.4	60.0	68.3	73.5	67.2	60.6	46.6
Batavia	50.4	60.9	69.3	73.5	68.3	62.6	47.2
Binghamton	48.7	57.8	66.4	71.1	66.1	59.1	45.2
Bridgehampton	48.2	56.6	67.7	72.0	68.3	63.6	50.3
Buffalo	50.0	60.5	68.9	74.2	68.9	63.4	47.9
Canton	47.8	53.9	64.9	70.7	64.9	58.2	45.3
Chazy	49.0	55.5	66.1	70.0	65.2	58.6	46.1
Cooperstown	48.5	57.0	65.7	69.9	64.1	59.0	45.7
Dansville	1/	1/	1/	1/	1/	1/	47.0
Elmira	50.5	59.3	68.5	73.4	68.1	61.8	45.9
Fredonia	1/	61.9	69.8	73.7	69.3	64.4	48.9
Geneva	48.3	58.9	67.3	72.3	66.7	60.8	46.4
Glens Falls	48.6	57.0	65.9	71.1	65.4	58.8	45.7
Gloversville	48.1	56.1	66.2	70.7	65.5	58.4	45.3
Ithaca	47.7	56.4	66.3	70.8	65.8	60.1	45.3
Liberty	46.1	55.3	64.4	70.8	64.8	58.6	44.0
Little Valley	46.2	56.4	65.3	70.6	64.5	59.0	53.6
Lowville	47.6	55.6	64.3	69.8	63.2	57.7	44.3
Massena	48.4	54.6	65.3	70.7	64.4	58.6	44.3
New York City	51.3	60.1	71.1	76.2	72.9	67.3	53.6
Poughkeepsie	49.2	58.9	67.7	72.2	66.7	60.6	45.6
Riverhead	51.2	60.8	71.4	76.5	71.5	66.4	54.2
Rochester	49.7	59.9	67.9	72.7	67.3	61.6	47.1
Syracuse	51.9	60.3	68.3	73.6	68.5	61.1	47.7
Utica	49.8	58.4	67.0	71.8	66.9	61.0	46.4
Watertown	49.1	56.9	64.7	70.5	66.2	59.8	46.3

Table 97. PRECIPITATON: Monthly Precipitation at Selected Stations, 1987

Station	April	May	June	July	August	September	October
				Inches			
Albany	4.25	1.57	3.54	2.50	3.67	6.98	6.90
Batavia	3.23	1.09	4.99	4.03	3.36	4.70	2.97
Binghamton	4.20	1.29	3.82	4.35	4.17	4.54	2.66
Bridgehampton	6.62	2.27	.58	2.47	5.80	7.11	1.84
Buffalo	3.40	1.35	8.36	3.09	3.38	5.32	2.62
Canton	1.94	2.34	2.57	7.15	2.33	4.32	3.16
Chazy	1/	2.15	3.12	3.27	3.02	3.86	.93
Cooperstown	4.19	1.74	5.55	4.40	3.69	5.71	2.55
Dansville	1/	1/	1/	1/	1/	1/	2.45
Elmira	3.42	1.46	5.33	4.56	2.64	3.11	2.05
Fredonia	1/	.93	4.11	4.56	4.38	6.20	3.98
Geneva	3.39	.98	4.72	5.64	3.35	5.11	3.01
Glens Falls	2.02	1.61	7.74	2.00	3.96	7.75	4.86
Gloversville	4.75	1.47	4.93	3.84	3.65	7.87	5.26
Ithaca	4.38	2.05	3.21	4.96	3.05	3.54	2.79
Liberty	7.39	2.64	3.46	5.33	5.92	8.92	5.78
Little Valley	3.02	1.26	5.67	7.35	5.06	5.26	3.60
Lowville	1.80	1.29	5.83	3.01	2.63	5.02	3.61
Massena	1.84	1.69	4.05	5.04	3.16	2.33	1.82
New York City	4.74	1.70	4.22	3.71	3.84	2.98	3.02
Poughkeepsie	6.47	2.22	2.35	4.51	3.79	6.59	4.70
Riverhead	6.07	1.92	.92	1.68	4.76	4.34	2.77
Rochester	3.68	1.19	3.94	5.85	3.92	4.60	1.65
Syracuse	3.31	1.41	5.04	2.16	2.12	5.99	3.13
Utica	3.61	1.66	6.30	2.46	2.40	5.33	3.70
Watertown	2.23	2.27	4.19	1.04	2.55	3.71	2.98

1/ Data not available.
Weather information and data furnished in cooperation by U.S. Dept. of Commerce, NOAA, National Weather Service.

Table 98. SOIL TEMPERATURES: Average Monthly Soil Temperatures at Selected Stations, April-October 1987

Station	April	May	June	July	August	September	October
				Degrees F.			
HUDSON VALLEY							
VALATIE							
4" Max.	51.3	62.8	73.0	78.0	74.2	66.4	51.1
4" Min.	47.3	55.3	66.5	71.8	68.6	61.9	47.3
8" Max.	52.1	56.6	72.5	72.5	68.8	66.7	53.0
8" Min.	48.0	61.3	67.3	77.1	73.9	63.6	49.6
ST. LAWRENCE VALLEY							
CANTON							
4" Max.	49.7	56.1	69.2	74.0	70.4	63.3	52.6
4" Min.	44.9	51.0	63.0	68.4	64.5	59.5	48.7
8" Max.	46.8	52.8	65.9	70.4	67.0	61.3	51.0
8" Min.	45.2	51.2	63.1	68.7	65.3	60.0	49.5
CENTRAL LAKES							
GENEVA							
Bare Ground							
2" Max.	56.0	70.8	79.1	85.1	80.1	68.5	52.9
2" Min.	44.4	54.1	64.5	69.6	65.2	57.8	43.8
4" Max.	52.6	65.8	74.9	80.3	73.7	62.1	48.9
4" Min.	44.4	53.9	64.2	69.3	66.9	59.6	46.5
8" Max.	50.9	62.8	71.9	77.2	73.4	64.0	51.0
8" Min.	45.9	55.6	66.0	71.2	68.1	60.0	47.2
Sod							
2" Max.	52.6	63.7	73.5	78.8	73.1	64.7	52.0
2" Min.	47.5	55.2	65.8	71.1	66.8	61.2	50.2
4" Max.	50.0	61.1	71.5	76.7	71.1	62.9	51.0
4" Min.	45.9	54.5	65.5	71.2	67.3	61.3	49.3
8" Max.	49.2	58.0	68.6	74.0	70.0	63.3	52.4
8" Min.	47.6	55.7	66.3	71.7	68.2	62.4	51.5
ITHACA							
4" Max.	53.9	62.8	73.6	79.3	74.8	67.4	55.1
4" Min.	48.5	55.6	66.9	72.5	68.6	63.7	51.3
8" Max.	52.1	59.8	71.1	76.9	73.4	67.1	56.0
8" Min.	50.2	57.3	68.5	74.1	71.1	65.5	54.6

Weather information and data furnished in cooperation by U.S. Dept. of Commerce, NOAA, National Weather Service.

Table 99. HEATING DEGREE DAYS: Selected Stations, April-October 1987

Station	April	May	June	July	August	September	October
Albany	433	210	29	2	56	154	567
Batavia	431	204	28	5	35	112	544
Binghampton	486	260	52	14	59	185	606
Bridgehampton	500	288	32	4	29	85	449
Buffalo	447	213	28	3	25	91	527
Canton	513	368	77	36	99	221	603
Chazy	479	328	42	34	85	200	582
Cooperstown	517	275	54	22	94	182	593
Dansville	1/	1/	1/	1/	1/	1/	550
Elmira	430	231	32	7	44	120	584
Fredonia	1/	187	29	2	27	76	493
Geneva	494	242	41	9	50	141	573
Glens Falls	488	278	48	14	79	194	620
Gloversville	501	301	53	9	69	201	604
Ithaca	514	293	57	21	72	157	604
Liberty	560	329	82	13	66	190	643
Little Valley	555	297	64	9	79	181	651
Lowville	515	326	83	30	110	224	634
Massena	490	365	61	28	91	202	637
New York City	405	211	11	0	2	23	374
Poughkeepsie	470	238	38	9	45	142	596
Riverhead	405	186	5	0	8	37	330
Rochester	454	234	39	7	50	139	547
Syracuse	395	211	35	7	27	138	529
Utica	455	247	50	13	52	135	569
Watertown	470	287	69	25	65	175	571

1/ Data not available.
Weather information and data furnished in cooperation by U.S. Dept. of Commerce, NOAA, National Weather Service.

Table 100. FERTILIZER: Consumption by Kind, Years Ended June 30, 1978-1987 1/

Kind of Fertilizer	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
					1,000 tons					
Total Fertilizer, All Kinds	590.7	685.6	663.6	655.9	621.7	605.0	654.7	707.3	604.7	583.3
Single Nutrient Fertilizers, Total	125.3	246.4	217.7	194.4	169.9	181.5	219.9	232.3	194.3	149.8
Nitrogen Materials, Total	84.4	154.2	148.6	117.8	103.1	88.6	110.9	120.1	100.7	85.9
Anhydrous ammonia	8.5	11.8	15.2	14.4	13.5	9.4	10.4	16.2	10.9	11.7
Nitrogen solutions	41.3	46.9	54.1	61.5	54.2	40.8	47.5	58.0	48.3	36.4
Urea	21.5	35.3	18.5	22.2	19.9	20.8	28.6	27.0	22.2	26.0
Ammonium nitrate	8.3	13.4	7.6	12.6	10.5	13.5	16.9	13.0	10.1	5.0
Ammonium sulfate	2.4	1.0	2.6	4.7	1.7	1.7	1.8	2.9	2.1	2.0
Sodium nitrate	.8	1.1	.9	.8	.6	.5	.2	.2	-	-
Other nitrogen materials	1.7	44.8	49.8	1.6	2.7	2.0	5.4	2.8	7.0	4.8
Phosphate Materials, Total	8.7	36.5	31.9	27.5	24.4	40.5	39.0	10.3	8.5	7.8
Superphosphates, 22% & Under	.9	1.8	.4	.8	.4	.5	1.6	.2	.4	.1
Over 22%	6.7	9.6	8.5	7.3	6.6	10.3	24.1	9.4	5.2	6.4
Other phosphates	1.1	25.1	23.0	19.4	17.4	29.7	13.3	.7	3.0	1.3
Potash Materials, Total	32.2	55.7	37.2	49.1	42.4	52.4	70.0	101.9	85.1	56.1
Multiple-Nutrient Fertilizers, Total	451.3	429.9	430.7	443.9	432.7	405.1	416.4	447.3	395.6	412.2
Secondary and Micronutrients, Total	1.0	1.1	1.8	2.3	4.4	4.2	4.7	4.7	2.8	3.2
Natural Organics, Total	13.0	8.2	13.3	15.3	14.7	14.3	13.7	23.0	12.1	18.1

Table 101. FERTILIZER: Consumption of Primary Plant Nutrients, Years Ended June 30, 1978-1987 1/

Year	Multiple-Nutrient Grades				All Fertilizers			
	N	Available P205	K2O	Total	N	Available P205	K2O	Total
				1,000 tons				
1978	50.1	73.2	66.0	189.3	84.4	76.8	83.9	245.2
1979	45.2	68.6	62.9	176.7	107.8	90.1	94.7	292.6
1980	46.7	68.0	63.7	178.4	108.7	80.2	84.1	273.1
1981	43.0	70.2	65.7	178.9	92.9	81.3	93.1	267.3
1982	47.1	67.8	63.1	177.9	90.7	75.9	87.7	254.2
1983	44.6	61.2	58.0	163.8	82.1	78.4	88.4	248.9
1984	47.6	68.8	60.5	176.9	92.3	85.0	101.2	278.5
1985	49.6	73.7	59.1	182.4	97.2	78.2	107.0	282.3
1986	50.4	62.6	54.9	167.9	88.4	65.6	103.6	257.7
1987	66.4	54.6	60.3	181.4	101.3	57.3	93.1	251.7

1/ May not add due to rounding. Beginning with 1985 these data were compiled by the Tennessee Valley Authority (TVA), Economics and Marketing Staff from reports provided by State regulatory officials. Data for years prior to 1985 were compiled from the same sources by the National Agricultural Statistics Service (NASS), U.S.D.A.

Table 102. POPULATION: Resident Population, July 1, New York and United States, 1978-1987

Year	New York	United States	Year	New York	United States
	Thousands			Thousands	
1978	17,720	222,095	1983	17,670	234,284
1979	17,634	224,567	1984	17,727	236,477
1980	1/17,558	227,255	1985	17,762	238,736
1981	17,559	229,637	1986	17,795	241,095
1982	17,575	231,996	1987	17,825	243,400

Source: Bureau of Census, U.S. Department of Commerce.
1/ Census count on April 1.

Table 103. PER CAPITA CONSUMPTION: Selected Commodities, United States, 1977-1986

Commodity		1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
		Pounds									
VEGETABLES 1/											
Carrots,	Fresh	5.1	5.6	6.4	7.0	7.1	7.3	7.5	8.0	7.6	7.8
	Processed	3.8	3.5	3.7	3.3	3.4	3.1	3.1	3.9	3.2	3.2
Cauliflower,	Fresh	1.1	.9	1.3	1.3	1.6	1.6	1.7	2.2	2.2	2.8
	Processed	.7	.8	.7	.8	.9	.9	.9	1.0	.9	.9
Celery,	Fresh	7.0	7.3	7.4	7.8	7.7	7.8	7.4	7.5	7.4	7.1
Green peas,	Processed 2/	4.8	4.6	4.5	4.5	4.4	4.0	4.1	4.0	4.1	4.0
Lettuce		25.8	25.6	25.9	26.8	25.7	25.7	25.6	26.0	25.5	23.2
Onions 3/		15.7	15.8	17.2	14.3	14.1	18.2	16.7	18.4	19.4	17.9
Potatoes,	Fresh	52.1	51.3	48.2	48.6	43.6	49.1	49.5	44.9	47.8	51.9
	Processed	72.3	72.7	69.9	64.4	66.8	69.1	68.5	71.5	72.9	72.9
Snap beans,	Processed	6.3	6.5	7.3	5.3	5.3	4.9	4.9	6.5	6.5	5.5
Sweet Corn,	Fresh	7.8	7.4	7.3	7.3	7.2	7.2	7.4	7.7	7.7	7.1
	Processed	20.4	20.0	20.7	17.9	19.5	19.7	18.0	20.6	20.6	20.9
Tomatoes,	Fresh	12.4	13.2	12.8	13.4	13.2	13.4	13.7	15.3	15.8	17.2
	Processed	62.8	58.8	64.2	63.6	59.3	60.1	60.8	68.4	63.1	63.4
FRUITS 4/											
Apples,	Fresh	17.0	17.4	17.6	19.1	16.9	18.0	18.4	18.4	17.4	17.4
	Processed	6.4	7.4	8.2	7.6	9.0	9.8	N/A	N/A	N/A	N/A
Peaches,	Fresh	5.1	5.0	5.4	5.7	5.5	4.0	4.1	5.4	4.0	4.7
	Processed	5.3	4.5	4.2	4.2	3.8	3.9	3.8	3.5	3.3	3.6
Pears,	Fresh	2.6	2.2	2.5	2.5	2.8	3.0	2.8	2.9	2.8	2.9
	Canned	2.2	1.8	1.8	1.8	1.6	1.9	1.8	1.6	1.3	1.5
Cherries,	Fresh	.6	.5	.7	.7	.6	.5	.8	.7	.4	.5
	Processed	1.2	1.2	1.2	1.3	1.2	1.1	1.1	1.1	1.2	1.2
Grapes,	Fresh	3.1	3.0	3.6	3.7	3.8	5.3	5.4	6.1	7.2	7.2
	Canned juice	.5	.9	.6	.7	.7	.6	.9	.8	.5	.5
Wine, Gallons *(per adult)*		2.83	3.01	3.01	3.20	3.30	3.29	3.32	3.43	3.52	N/A
Strawberries,	Fresh	1.9	2.1	1.9	2.0	2.2	2.4	2.4	3.1	3.1	3.0
	Processed	1.2	1.4	1.1	1.4	1.3	1.1	1.2	1.2	1.2	1.3
MEATS 5/											
Beef		91.8	87.2	78.0	76.5	77.1	77.2	78.6	78.5	79.1	78.4
Veal		3.2	2.4	1.7	1.5	1.6	1.7	1.6	1.8	1.8	1.9
Lamb and mutton		1.5	1.4	1.3	1.4	1.4	1.5	1.5	1.5	1.4	1.4
Pork		55.8	55.9	63.8	68.3	65.0	59.0	62.2	61.8	62.0	58.6
DAIRY PRODUCTS 6/											
American cheese		9.3	9.6	9.6	9.7	10.2	11.4	11.7	11.9	12.2	12.1
Italian cheese		3.8	4.1	4.3	4.5	4.5	4.9	5.3	5.8	6.5	7.0
Total cheese 7/		16.1	17.0	17.2	17.6	18.3	20.0	20.7	21.6	22.6	23.2
Cottage cheese		4.7	4.7	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.1
Ice cream		17.5	17.4	17.1	17.3	17.2	17.5	17.9	18.0	18.0	18.3
Ice milk		7.8	7.7	7.3	7.2	7.0	6.7	7.0	7.0	7.0	7.2
Butter		4.3	4.4	4.5	4.5	4.3	4.3	4.9	4.9	4.9	4.6
Fluid milk and cream 8/		260	257	253	250	245	242	242	243	245	245
POULTRY PRODUCTS											
Chickens 5/		44.1	46.7	50.6	50.1	51.7	53.1	53.8	55.7	58.0	58.8
Turkey 5/		9.1	9.2	9.9	10.5	10.8	10.8	11.3	11.4	12.1	13.3
Eggs, number		267	272	278	272	266	265	261	261	253	250

1/ Farm weight basis. 2/ In-shell basis. 3/ Includes California production for processing which accounts for about one-third of total. 4/ Fresh fruits on farm weight basis. Processed categories are on product weight basis. 5/ Retail weight basis. 6/ Product weight basis unless otherwise noted. 7/ Excludes cottage cheese. 8/ Commercial sales and on-farm consumption. Includes whole, lowfat, skim, buttermilk, flavored milk and drinks, cream, sour cream, dips, eggnog and yogurt.

Table 104. FARM REAL ESTATE VALUES: Average Value Per Acre of Land and Buildings, by State, 1979-1988 1/

Commodity	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
	Dollars									
Northeast										
Maine	538	594	642	680	708	750	856	993	1,082	1,236
New Hampshire	919	1,004	1,078	1,136	1,174	1,244	1,419	1,646	1,794	2,037
Vermont	660	721	774	815	842	893	1,017	1,180	1,286	1,345
Massachusetts	1,443	1,608	1,752	1,874	1,963	2,081	2,372	2,752	2,999	3,534
Rhode Island	2,370	2,523	2,646	2,729	2,760	2,926	3,335	3,869	4,217	6,240
Connecticut	2,227	2,387	2,517	2,610	2,655	2,814	3,208	3,721	4,056	4,914
New York	670	720	773	821	817	842	808	824	931	956
New Jersey	2,701	2,947	3,040	3,181	3,140	3,234	3,525	3,913	5,321	6,189
Pennsylvania	1,273	1,464	1,568	1,513	1,520	1,642	1,510	1,450	1,725	1,819
Delaware	1,500	1,798	1,928	1,787	1,829	1,866	1,642	1,757	1,775	1,895
Maryland	1,800	2,238	2,530	2,376	2,121	2,185	2,097	1,887	1,831	2,014
Lake States										
Michigan	975	1,111	1,289	1,278	1,223	1,223	1,052	936	833	853
Wisconsin	856	1,004	1,152	1,144	1,113	1,046	847	711	626	630
Minnesota	901	1,086	1,281	1,272	1,165	1,083	823	609	493	563
Corn Belt										
Ohio	1,483	1,730	1,831	1,629	1,504	1,444	1,126	1,013	942	991
Indiana	1,589	1,863	2,031	1,804	1,610	1,594	1,259	1,058	931	983
Illinois	1,858	2,041	2,188	2,023	1,837	1,800	1,314	1,143	1,040	1,114
Iowa	1,550	1,840	1,999	1,889	1,684	1,499	1,064	841	748	890
Missouri	726	902	990	945	856	856	659	606	552	572
Northern Plains										
North Dakota	347	405	436	455	439	439	360	317	282	292
South Dakota	256	292	329	349	348	338	250	215	178	187
Nebraska	525	635	729	730	701	617	444	364	335	366
Kansas	501	587	619	628	601	583	466	387	340	368
Appalachian										
Virginia	930	1,028	1,118	1,096	1,125	1,114	1,091	1,146	1,111	1,143
West Virginia	592	669	681	723	688	667	554	537	527	542
North Carolina	1,051	1,219	1,340	1,297	1,314	1,380	1,242	1,130	1,096	1,062
Kentucky	861	976	1,033	1,058	1,049	1,007	906	870	791	786
Tennessee	860	976	1,070	1,040	1,014	1,044	982	992	1,012	1,104
Southeast										
South Carolina	773	900	972	980	946	927	899	872	794	874
Georgia	777	896	971	926	929	910	865	822	846	865
Florida	1,149	1,381	1,565	1,518	1,576	1,608	1,527	1,435	1,464	1,596
Alabama	639	780	910	885	826	809	769	761	731	731
Delta States										
Mississippi	681	819	1,034	981	894	939	835	752	654	658
Arkansas	770	918	1,056	1,096	972	933	849	705	634	645
Louisiana	1,001	1,256	1,454	1,414	1,351	1,351	1,256	1,005	734	708
Southern Plains										
Oklahoma	512	614	681	725	699	699	566	481	428	421
Texas	386	436	468	539	544	593	652	541	482	466
Mountain States										
Montana	196	235	251	271	259	264	222	204	167	164
Idaho	585	698	774	839	814	814	749	644	567	592
Wyoming	144	161	180	193	193	197	177	154	151	140
Colorado	322	387	434	451	454	468	435	357	364	364
New Mexico	143	185	192	195	178	182	163	134	122	132
Arizona	199	267	287	302	289	295	265	231	242	214
Utah	400	530	567	589	560	571	514	478	454	428
Nevada	191	248	262	268	249	254	229	199	211	193
Pacific States										
Washington	692	736	877	922	933	961	923	812	723	699
Oregon	504	587	668	705	705	698	579	521	479	466
California	1,186	1,424	1,732	1,900	1,918	1,918	1,726	1,571	1,366	1,341
48 States	628	737	819	823	788	782	679	595	547	564

1/ Grouped by farm production region, February 1, 1979-81; April 1, 1982-85; and February 1, 1986-88.
Source: Economic Research Service, USDA. These values are based on annual surveys conducted by USDA and benchmark data obtained from the Census of Agriculture.

New York State
Counties

COUNTY ESTIMATES

County estimates are compiled and published annually by the New York Agricultural Statistics Service for a number of crops, livestock, and farm land use categories. Acreage, yield, and production estimates are made for corn, oats, wheat, and hay. Livestock estimates include the January 1 inventory of catle, beef cows, and milk cows on farms, plus the annual average number of milk cows, annual production per cow, and total milk production by counties. County estimates of farmland, in addition to the number of farms and total land in farms, include a breakout of cropland, permanent pasture, and woodland acreage.

Several important sources of information provide the basis for these annual county estimates. Preliminary estimates of crops, farm land use, and livestock numbers are developed from a large scale survey at the end of each year in which over 15,000 farmers across the state are contacted. Acreage information from the Agricultural Stabilization and Conservation Service also receives consideration in preparing several crop estimates. Annual milk production per cow is based largely on the combined results of milk production surveys conducted monthly throughout the year. Also, state and federal milk marketing order data by counties are used in developing a balance between cow numbers, rates of production, and total milk produced.

Revisions, if necessary, are made after a thorough review of the original estimates, taking into consideration data that become available after the original estimates are prepared. These sources include a wide range of administrative type data, plus tabulations compiled by the Census of Agriculture, and final summaries of milk marketing receipts. The Census of Agriculture, collected and published every five years by the U.S. Department of Commerce, does not make allowances for incompleteness. For this reason census numbers are generally lower than data published in this bulletin.

County estimates set by the New York Agricultural Statistics Service are rarely identical with county totals from other sources. The estimates in this publication include allowances or expansions for farmers not sampled, non-respondents, inaccessibles, and refusals. Milk production totals that exceed reported marketings include a small quantity of milk being used on farms where produced. All county level estimates do add to state level data shown elsewhere in this bulletin.

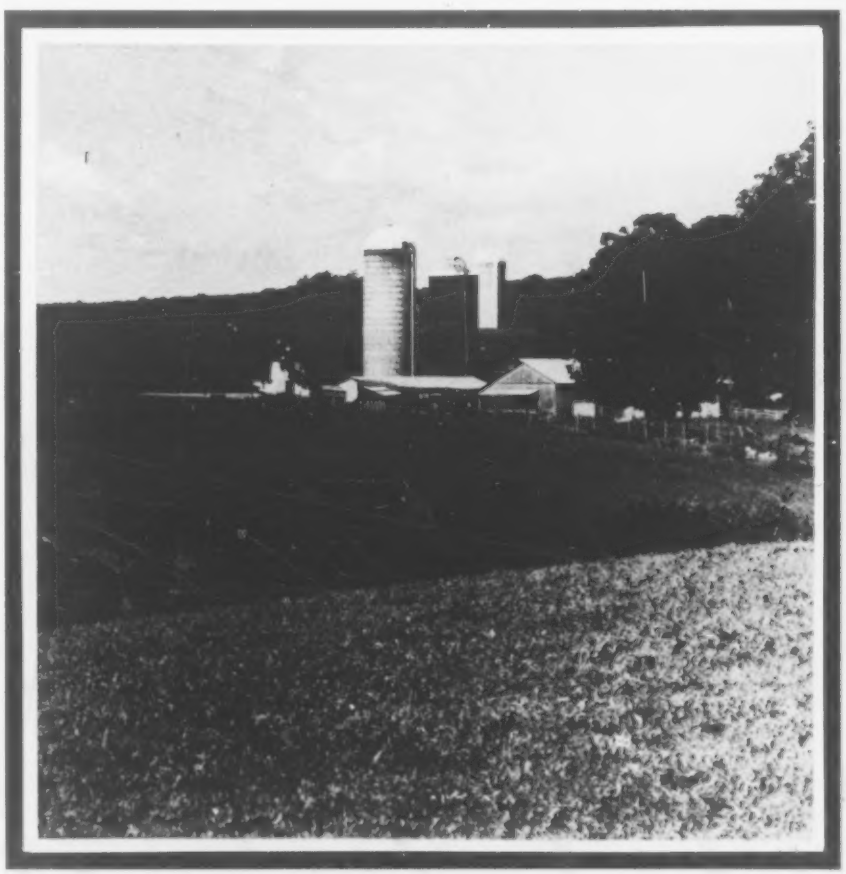


Table 105. FARMLAND: Farms, Land in Farms and Land Use, by Counties, 1986

County	Number of farms	Land in farms	Total cropland 1/	Permanent pasture 2/	Total woodland 3/	Other land 4/
	Number			Acres		
Albany	505	74,700	45,300	6,900	17,500	5,000
Allegany	890	204,600	108,100	16,300	61,000	19,200
Broome	630	119,000	61,700	15,700	31,300	10,300
Cattaraugus	1,210	248,100	136,200	31,900	62,800	17,200
Cayuga	1,130	267,300	206,300	8,200	32,500	20,300
Chautauqua	2,125	282,100	161,400	29,800	65,900	25,000
Chemung	375	65,000	34,500	4,900	20,500	5,100
Chenango	1,010	224,600	109,100	34,800	64,100	16,600
Clinton	700	188,200	90,700	19,700	71,300	6,500
Columbia	585	138,300	83,600	10,500	31,400	12,800
Cortland	605	169,000	87,600	29,000	41,600	10,800
Delaware	1,055	278,600	129,200	42,100	92,400	14,900
Dutchess	630	125,200	69,500	10,800	29,500	15,400
Erie	1,345	177,600	134,200	9,500	23,500	10,400
Essex	240	59,500	30,000	1,900	23,700	3,900
Franklin	610	161,500	93,500	18,000	40,500	9,500
Fulton	215	35,600	20,700	1,900	10,000	3,000
Genesee	745	185,800	151,100	4,600	17,500	12,600
Greene	295	54,400	25,200	7,600	18,100	3,500
Herkimer	795	182,500	113,000	26,000	33,300	10,200
Jefferson	1,255	365,400	221,200	46,500	60,400	37,300
Lewis	775	201,300	116,200	19,000	44,300	21,800
Livingston	815	233,800	178,300	9,300	32,600	13,600
Madison	890	230,200	138,000	31,800	40,400	20,000
Monroe	805	144,500	121,600	3,700	8,400	10,800
Montgomery	655	156,600	118,300	10,800	19,400	8,100
Nassau	100	1,900	1,000	500	200	200
Niagara	1,095	147,700	126,100	2,500	8,600	10,500
Oneida	1,335	286,200	174,000	32,200	58,900	21,100
Onondaga	840	176,500	128,100	10,700	22,000	15,700
Ontario	960	212,800	171,800	8,400	17,600	15,000
Orange	880	111,900	78,900	9,900	13,700	9,400
Orleans	645	145,700	122,000	1,800	11,700	10,200
Oswego	815	123,700	72,900	8,500	30,800	11,500
Otsego	1,125	261,700	134,000	37,600	70,300	19,800
Putnam	55	10,200	4,900	500	4,000	800
Rensselaer	590	116,500	69,100	8,400	30,200	8,800
Rockland	40	1,500	1,100	-	200	200
St. Lawrence	1,800	472,300	249,900	60,300	120,800	41,300
Saratoga	585	89,100	56,800	5,000	18,800	8,500
Schenectady	210	22,000	13,800	2,200	4,500	1,500
Schoharie	655	140,500	84,300	13,000	35,600	7,600
Schuyler	420	68,600	38,000	9,000	14,700	6,900
Seneca	505	119,600	99,000	1,800	11,300	7,500
Steuben	1,515	393,600	233,000	33,600	96,200	30,800
Suffolk	795	43,900	35,400	1,500	2,400	4,600
Sullivan	450	65,200	32,300	6,600	22,900	3,400
Tioga	645	133,600	70,800	19,600	33,900	9,300
Tompkins	565	112,800	76,000	6,300	22,100	8,400
Ulster	565	79,400	50,000	4,600	16,800	8,000
Warren	75	9,400	3,600	400	4,600	800
Washington	940	229,300	150,000	22,700	47,800	8,800
Wayne	1,230	206,500	154,800	7,100	28,500	16,100
Westchester	155	8,400	4,300	700	2,500	900
Wyoming	905	232,000	156,300	15,600	39,600	20,500
Yates	615	104,100	73,300	2,800	19,900	8,100
TOTAL	42,000	8,700,000	5,450,000	785,000	1,805,000	660,000

1/ Includes cropland pastured.
2/ Excludes cropland and woodland pastured.
3/ Includes woodland pastured.
4/ Land in house lots, ponds, roads, wasteland, etc.

Table 106. FARMLAND: Farms, Land in Farms and Land Use, by Counties, 1987

County	Number of farms	Land in farms	Total cropland 1/	Permanent pasture 2/	Total woodland 3/	Other land 4/
	Number			Acres		
Albany	485	73,700	44,600	6,200	17,000	5,900
Allegany	860	202,300	106,000	19,200	58,000	19,100
Broome	605	117,600	60,500	18,300	31,300	7,500
Cattaraugus	1,175	245,300	133,000	33,000	61,000	18,300
Cayuga	1,090	264,400	202,600	8,100	31,500	22,200
Chautauqua	2,060	279,000	158,500	25,000	68,500	27,000
Chemung	360	64,300	33,900	5,500	19,100	5,800
Chenango	975	222,100	107,100	35,800	64,000	15,200
Clinton	675	186,600	90,100	22,000	67,900	6,600
Columbia	565	136,800	82,200	12,700	28,500	13,400
Cortland	585	167,500	87,200	31,000	40,900	8,400
Delaware	1,015	276,500	126,900	41,900	91,400	16,300
Dutchess	605	123,600	67,300	10,700	28,500	16,500
Erie	1,295	175,600	131,800	9,000	23,100	11,700
Essex	230	58,800	29,300	1,800	23,500	4,200
Franklin	590	159,700	91,800	20,100	38,300	9,500
Fulton	205	35,200	20,300	1,900	9,000	4,000
Genesee	720	183,800	149,100	4,300	18,700	11,700
Greene	285	53,800	24,700	8,100	17,000	4,000
Herkimer	765	180,000	110,600	24,000	34,300	11,100
Jefferson	1,210	362,400	218,200	44,100	58,700	41,400
Lewis	745	199,000	114,700	21,000	44,000	19,300
Livingston	785	230,000	174,300	9,500	31,400	14,800
Madison	860	227,700	135,500	30,800	38,500	22,900
Monroe	775	142,900	117,900	4,900	9,000	11,100
Montgomery	630	153,900	115,600	12,100	17,900	8,300
Nassau	95	1,800	900	500	200	200
Niagara	1,055	143,700	123,800	2,400	8,700	8,800
Oneida	1,290	282,000	167,000	31,800	60,200	23,000
Onondaga	810	173,500	125,800	12,600	20,500	14,600
Ontario	925	210,500	167,500	8,000	19,600	15,400
Orange	850	110,100	77,500	8,900	14,700	9,000
Orleans	620	144,100	118,000	1,800	13,700	10,600
Oswego	785	122,000	71,600	7,200	29,900	13,300
Otsego	1,085	259,500	132,000	38,100	68,700	20,700
Putnam	55	10,200	4,900	500	4,000	800
Rensselaer	570	115,200	67,900	10,000	28,300	9,000
Rockland	40	1,500	1,100	-	200	200
St. Lawrence	1,735	469,100	246,700	56,300	123,100	43,000
Saratoga	565	88,100	55,900	4,800	19,000	8,400
Schenectady	200	21,500	13,600	2,800	4,000	1,100
Schoharie	630	138,100	81,900	14,600	33,600	8,000
Schuyler	405	67,500	37,500	7,600	14,800	7,600
Seneca	485	117,500	98,200	1,500	10,300	7,500
Steuben	1,460	390,300	229,000	36,600	93,400	31,300
Suffolk	765	43,000	34,800	1,500	2,100	4,600
Sullivan	435	64,500	31,700	6,800	21,900	4,100
Tioga	620	131,800	69,500	16,800	34,000	11,500
Tompkins	545	111,600	74,600	6,500	20,000	10,500
Ulster	545	78,500	48,400	4,400	17,200	8,100
Warren	70	9,200	3,500	400	4,500	800
Washington	905	227,800	148,500	24,500	46,800	8,000
Wayne	1,190	204,200	152,500	7,500	28,000	16,200
Westchester	150	8,300	4,200	700	2,400	1,000
Wyoming	870	229,400	155,200	15,800	40,700	17,700
Yates	595	103,000	72,000	2,700	19,500	8,800
TOTAL	40,500	8,600,000	5,350,000	795,000	1,775,000	680,000

1/ Includes cropland pastured.
2/ Excludes cropland and woodland pastured.
3/ Includes woodland pastured.
4/ Land in house lots, ponds, roads, wasteland, etc.

Table 107. HAY: Acreage, Yield, and Production, by Counties, 1986 1/

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production
	Acres	Tons		Acres	Tons		Acres	Tons	
Albany	7,600	2.4	18,200	17,100	1.9	32,500	24,700	2.1	50,700
Allegany	13,700	2.8	38,400	42,000	2.0	84,000	55,700	2.2	122,400
Broome	9,500	3.0	28,500	27,000	1.8	48,600	36,500	2.1	77,100
Cattaraugus	25,000	2.8	70,000	49,700	2.2	109,300	74,700	2.4	179,300
Cayuga	42,000	3.1	130,200	13,000	2.3	29,900	55,000	2.9	160,100
Chautauqua	21,000	2.8	58,800	61,400	2.2	135,100	82,400	2.4	193,900
Chemung	6,800	2.8	19,000	10,900	1.9	20,700	17,700	2.2	39,700
Chenango	25,800	2.8	72,200	47,200	2.3	108,600	73,000	2.5	180,800
Clinton	19,300	3.1	59,800	33,800	2.1	71,000	53,100	2.5	130,800
Columbia	18,900	3.0	56,700	21,900	2.4	52,600	40,800	2.7	109,300
Cortland	15,900	2.5	39,800	17,000	2.7	45,900	32,900	2.6	85,700
Delaware	16,800	2.7	45,400	57,300	2.0	114,600	74,100	2.2	160,000
Dutchess	15,100	3.1	46,800	18,800	2.4	45,100	33,900	2.7	91,900
Erie	16,200	3.1	50,200	37,100	2.1	77,900	53,300	2.4	128,100
Essex	5,400	2.4	13,000	10,400	2.1	21,800	15,800	2.2	34,800
Franklin	19,200	2.5	48,000	34,400	2.1	72,200	53,600	2.2	120,200
Fulton	4,700	3.2	15,000	8,000	2.1	16,800	12,700	2.5	31,800
Genesee	24,200	3.0	72,600	5,200	2.8	14,600	29,400	3.0	87,200
Greene	5,900	3.1	18,300	12,700	1.9	24,100	18,600	2.3	42,400
Hamilton	2/	2/	2/	2/	2/	2/	2/	2/	2/
Herkimer	35,500	3.0	106,500	26,500	2.1	55,700	62,000	2.6	162,200
Jefferson	44,100	2.6	114,700	60,000	1.9	114,000	104,100	2.2	228,700
Lewis	32,100	2.8	89,900	38,800	2.0	77,600	70,900	2.4	167,500
Livingston	28,400	3.1	88,000	12,500	2.0	25,000	40,900	2.8	113,000
Madison	40,500	3.0	121,500	13,000	2.2	28,600	53,500	2.8	150,100
Monroe	11,600	3.0	34,800	5,000	2.2	11,000	16,600	2.8	45,800
Montgomery	30,500	2.8	85,500	30,200	1.9	57,400	60,700	2.4	142,900
Nassau	2/	2/	2/	2/	2/	2/	2/	2/	2/
Niagara	10,500	3.5	36,800	16,600	2.1	34,900	27,100	2.6	71,700
Oneida	41,800	2.8	117,000	38,300	2.2	84,300	80,100	2.5	201,300
Onondaga	27,800	3.0	83,400	8,200	2.2	18,000	36,000	2.8	101,400
Ontario	22,600	2.8	63,300	11,300	2.1	23,700	33,900	2.6	87,000
Orange	11,200	2.9	32,500	30,100	2.1	63,200	41,300	2.3	95,700
Orleans	12,200	2.6	31,700	5,000	2.0	10,000	17,200	2.4	41,700
Oswego	12,100	2.4	29,000	22,000	2.2	48,400	34,100	2.3	77,400
Otsego	28,900	2.7	78,000	46,000	2.1	96,600	74,900	2.3	174,600
Putnam	300	2.9	900	2,000	2.1	4,200	2,300	2.2	5,100
Rockland	2/	2/	2/	2/	2/	2/	2/	2/	2/
Rensselaer	11,800	2.6	30,700	17,900	2.0	35,800	29,700	2.2	66,500
St. Lawrence	26,900	2.6	69,900	116,100	2.0	232,900	143,000	2.1	302,800
Saratoga	11,200	2.5	28,000	17,500	2.3	40,300	28,700	2.4	68,300
Schenectady	1,600	2.4	3,800	7,000	2.3	16,100	8,600	2.3	19,900
Schoharie	22,400	2.5	56,000	25,000	2.0	50,000	47,400	2.2	106,000
Schuyler	5,300	2.9	15,400	8,100	2.0	16,200	13,400	2.4	31,600
Seneca	7,400	2.8	20,700	9,200	2.1	19,300	16,600	2.4	40,000
Steuben	32,200	2.8	90,200	68,700	2.0	137,400	100,900	2.3	227,600
Suffolk	400	3.5	1,400	500	2.8	1,400	900	3.1	2,800
Sullivan	2,200	3.2	7,000	24,200	2.3	55,700	26,400	2.4	62,700
Tioga	10,100	3.1	31,300	21,200	2.4	50,900	31,300	2.6	82,200
Tompkins	10,400	2.8	29,100	12,200	2.1	25,600	22,600	2.4	54,700
Ulster	2,800	3.0	8,400	20,200	1.8	36,400	23,000	1.9	44,800
Warren	700	3.7	2,600	1,600	3.0	4,800	2,300	3.2	7,400
Washington	20,500	2.9	59,600	43,200	2.1	90,700	63,700	2.4	150,300
Wayne	12,800	3.1	39,700	7,300	2.2	16,100	20,100	2.8	55,800
Westchester	300	2.2	700	500	2.2	1,100	800	2.3	1,800
Wyoming	35,900	2.9	104,100	20,000	2.2	44,000	55,900	2.6	148,100
Yates	6,700	3.3	22,100	8,700	2.1	18,300	15,400	2.6	40,400
Other Counties	300	3.0	900	500	2.2	1,100	800	2.5	2,000
TOTAL	925,000	2.85	2,636,000	1,320,000	2.10	2,772,000	2,245,000	2.41	5,408,000

1/ Dry hay only. Excludes silage and green chop. 2/ Included in Other Counties.

Table 108. HAY: Acreage, Yield, and Production, by Counties, 1987 1/

County	Alfalfa Hay			Other Hay			Total Hay		
	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production	Acres Harvested	Yield	Production
	Acres	Tons		Acres	Tons		Acres	Tons	
Albany	7,500	2.7	20,600	17,000	1.9	31,800	24,500	2.1	52,400
Allegany	15,000	2.6	39,200	40,000	1.9	74,100	55,000	2.1	113,300
Broome	9,200	2.5	22,800	29,000	1.8	51,400	38,200	1.9	74,200
Cattaraugus	25,000	3.1	77,800	42,000	2.2	93,500	67,000	2.6	171,300
Cayuga	41,500	3.1	126,600	10,000	2.5	25,100	51,500	2.9	151,700
Chautauqua	20,500	2.6	52,600	59,000	2.2	127,300	79,500	2.3	179,900
Chemung	6,500	2.2	14,500	9,700	1.7	16,400	16,200	1.9	30,900
Chenango	26,000	2.8	73,500	47,000	2.1	97,200	73,000	2.3	170,700
Clinton	19,000	2.8	53,600	34,000	2.0	68,300	53,000	2.3	121,900
Columbia	18,800	3.0	56,400	27,000	2.4	64,100	45,800	2.6	120,500
Cortland	16,500	2.7	44,000	18,000	2.0	36,500	34,500	2.3	80,500
Delaware	16,700	3.1	51,100	60,000	2.1	128,000	76,700	2.3	179,100
Dutchess	15,000	2.8	41,800	19,000	1.9	35,800	34,000	2.3	77,600
Erie	17,000	2.8	48,000	40,000	2.1	85,500	57,000	2.3	133,500
Essex	6,200	2.6	16,200	11,400	2.3	26,100	17,600	2.4	42,300
Franklin	20,000	2.8	56,000	33,000	2.1	70,900	53,000	2.4	126,900
Fulton	4,500	2.7	12,300	9,000	1.9	17,100	13,500	2.2	29,400
Genesee	25,000	3.5	87,600	6,000	2.8	16,500	31,000	3.4	104,100
Greene	5,800	2.9	16,900	13,000	1.7	22,000	18,800	2.1	38,900
Hamilton	2/	2/	2/	2/	2/	2/	2/	2/	2/
Herkimer	35,500	2.9	104,000	24,000	2.2	53,400	59,500	2.6	157,400
Jefferson	44,000	2.4	107,500	63,000	1.7	109,900	107,000	2.0	217,400
Lewis	32,000	2.8	90,200	39,000	2.3	88,000	71,000	2.5	178,200
Livingston	29,000	2.8	81,700	13,000	1.8	23,300	42,000	2.5	105,000
Madison	41,000	2.6	108,500	12,000	2.3	28,000	53,000	2.6	136,500
Monroe	12,000	3.5	42,000	4,500	2.9	13,100	16,500	3.3	55,100
Montgomery	31,500	2.4	76,000	30,000	1.8	53,500	61,500	2.1	129,500
Nassau	2/	2/	2/	2/	2/	2/	2/	2/	2/
Niagara	10,000	2.9	28,500	15,000	2.7	40,200	25,000	2.7	68,700
Oneida	42,000	2.9	122,200	39,000	2.1	81,100	81,000	2.5	203,300
Onondaga	27,500	2.8	76,000	7,00	2.6	18,100	34,500	2.7	94,100
Ontario	23,500	2.9	69,000	14,000	2.1	29,800	37,500	2.6	98,800
Orange	11,000	3.1	34,100	25,000	1.9	46,800	36,000	2.2	80,900
Orleans	13,000	2.5	32,500	7,000	2.0	14,000	20,000	2.3	46,500
Oswego	12,500	2.4	30,500	23,000	1.9	44,200	35,500	2.1	74,700
Otsego	28,500	2.8	81,000	40,000	2.2	88,300	68,500	2.5	169,300
Putnam	300	2.7	800	2,000	1.6	3,200	2,300	1.7	4,000
Rensselaer	11,500	2.5	28,200	18,000	1.8	32,300	29,500	2.1	60,500
Rockland	2/	2/	2/	2/	2/	2/	2/	2/	2/
St. Lawrence	26,000	2.4	61,500	118,000	2.1	243,000	144,000	2.1	304,500
Saratoga	12,000	2.7	31,800	18,000	2.1	36,900	30,000	2.3	68,700
Schenectady	2,000	2.0	4,000	5,000	1.7	8,700	7,000	1.8	12,700
Schoharie	22,000	2.4	53,600	22,000	1.7	36,400	44,000	2.0	90,000
Schuyler	6,000	2.4	14,600	7,000	2.0	14,000	13,000	2.2	28,600
Seneca	7,000	2.8	19,600	9,000	2.1	18,500	16,000	2.4	38,100
Steuben	32,000	2.5	79,800	65,000	1.9	125,500	97,000	2.1	205,300
Suffolk	300	2.0	600	300	2.7	800	600	2.3	1,400
Sullivan	2,000	2.5	5,000	20,000	2.2	44,100	22,000	2.2	49,100
Tioga	10,000	2.3	23,000	19,000	1.8	33,900	29,000	2.0	56,900
Tompkins	10,500	2.5	26,000	15,000	1.8	26,700	25,500	2.1	52,700
Ulster	2,800	2.6	7,200	21,000	2.1	43,900	23,800	2.1	51,100
Warren	800	2.0	1,600	1,600	1.5	2,400	2,400	1.7	4,000
Washington	21,000	2.7	57,700	42,000	2.2	90,600	63,000	2.4	148,300
Wayne	12,500	2.8	35,500	8,000	2.7	21,800	20,500	2.8	57,300
Westchester	300	2.7	800	500	2.0	1,000	800	2.3	1,800
Wyoming	35,500	3.8	136,200	22,000	2.3	49,600	57,500	3.2	185,500
Yates	6,500	3.2	20,500	6,500	1.8	11,500	13,000	2.5	32,000
Other Counties	300	2.7	800	500	1.8	900	800	2.1	1,700
TOTAL	930,000	2.80	2,604,000	1,300,000	2.05	2,665,000	2,230,000	2.36	5,269,000

1/ Dry hay only. Excludes silage and green chop. 2/ Included in Other Counties.

Table 109. CORN: Acreage, Yield, and Production, by Counties, 1986

County	All Planted	Grain			Silage		
		Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Acres	Bushels		Acres	Tons	
Albany	6,500	2,700	111.0	299,700	3,600	12.0	43,200
Allegany	15,500	4,800	101.0	484,800	10,100	13.0	131,300
Broome	12,000	2,400	115.0	276,000	9,100	15.0	136,600
Cattaraugus	23,000	6,200	101.0	626,200	16,000	14.0	224,200
Cayuga	82,000	61,000	104.7	6,387,700	19,800	13.5	267,600
Chautauqua	25,500	7,200	93.0	669,600	17,300	13.0	225,400
Chemung	6,500	3,100	95.0	294,500	3,200	14.0	44,800
Chenango	22,000	6,600	94.0	620,400	14,800	15.0	221,900
Clinton	20,000	6,800	104.0	707,200	12,800	15.5	198,600
Columbia	27,000	14,300	107.0	1,530,100	12,400	13.5	167,100
Cortland	23,000	7,200	103.0	741,600	15,400	16.0	246,700
Delaware	17,000	1,700	95.0	161,500	15,100	14.0	211,600
Dutchess	19,000	10,500	99.0	1,039,500	8,300	14.0	116,300
Erie	28,000	12,200	96.0	1,171,200	14,600	13.5	197,300
Essex	4,500	400	83.0	33,200	3,900	11.5	44,900
Franklin	13,000	1,800	87.0	156,600	10,600	13.0	137,900
Fulton	4,700	1,100	88.0	96,800	3,400	12.5	42,500
Genesee	49,000	31,500	106.0	3,339,000	16,000	15.0	240,200
Greene	2,400	1,000	97.0	97,000	1,300	14.0	18,200
Hamilton	-	-	-	-	-	-	-
Herkimer	22,000	7,400	82.0	606,800	13,900	15.0	208,700
Jefferson	39,000	11,500	97.0	1,115,500	25,600	14.0	358,800
Lewis	17,000	3,800	82.0	311,600	12,600	15.0	189,800
Livingston	43,000	28,600	105.0	3,003,000	13,500	13.5	182,400
Madison	40,000	16,000	95.0	1,520,000	22,800	14.0	319,500
Monroe	26,000	21,000	95.0	1,995,000	4,600	11.5	53,000
Montgomery	28,000	11,400	95.0	1,083,000	15,600	11.5	179,600
Nassau	-	-	-	-	-	-	-
Niagara	30,000	23,000	88.0	2,024,000	6,100	11.5	70,300
Oneida	40,000	18,600	101.0	1,878,600	20,400	13.0	265,500
Onondaga	43,000	29,600	96.0	2,841,600	12,600	14.5	182,800
Ontario	56,000	46,000	101.0	4,646,000	9,200	13.0	119,700
Orange	18,000	5,700	102.0	581,400	12,100	13.0	157,500
Orleans	32,000	26,200	100.0	2,620,000	5,500	11.5	63,300
Oswego	15,000	6,700	97.0	649,900	7,800	13.0	101,500
Otsego	25,000	7,600	88.0	668,800	16,900	14.5	245,300
Putnam	1/	1/	1/	1/	1/	1/	1/
Rensselaer	16,000	7,200	113.0	813,600	8,500	16.0	136,100
Rockland	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	34,000	4,600	81.0	372,600	27,700	14.0	388,200
Saratoga	12,500	5,700	108.0	615,600	6,400	14.0	89,700
Schenectady	1,800	1,000	85.0	85,000	800	16.0	12,800
Schoharie	15,000	5,400	92.0	496,800	9,300	14.0	130,300
Schuyler	6,500	3,100	92.0	285,200	3,200	15.0	48,000
Seneca	29,000	22,900	102.0	2,335,800	5,500	10.0	55,100
Steuben	43,000	21,900	95.0	2,080,500	20,400	14.0	285,700
Suffolk	1,000	700	99.0	69,300	300	16.5	5,000
Sullivan	4,000	1,200	97.0	116,400	2,800	13.0	36,400
Tioga	18,000	7,700	115.0	885,500	9,900	15.0	148,700
Tompkins	22,000	15,700	104.0	1,632,800	6,000	15.0	90,200
Ulster	5,000	3,200	105.0	336,000	1,700	14.0	23,800
Warren	400	-	-	-	400	14.0	5,600
Washington	33,000	8,200	102.0	836,400	24,400	16.0	390,900
Wayne	44,000	35,300	89.0	3,141,700	7,900	13.0	102,800
Westchester	1/	1/	1/	1/	1/	1/	1/
Wyoming	43,000	18,100	98.0	1,773,800	23,600	15.0	354,400
Yates	17,000	12,400	98.0	1,215,200	4,200	14.5	61,000
Other Counties	200	100	100.0	10,000	100	13.0	1,300
TOTAL	1,220,000	620,000	99.0	61,380,000	570,000	14.0	7,980,000

1/ Included in Other Counties.

Table 110. CORN: Acreage, Yield, and Production, by Counties, 1987

County	All Planted	Grain			Silage		
		Harvested	Yield	Production	Harvested	Yield	Production
	Acres	Acres	Bushels		Acres	Tons	
Albany	6,000	2,500	96.0	239,800	2,700	12.0	32,400
Allegany	11,500	3,900	111.0	432,500	7,300	14.0	102,200
Broome	10,500	1,700	120.0	203,800	8,600	16.0	137,700
Cattaraugus	20,000	5,700	100.0	569,400	13,800	14.0	193,300
Cayuga	70,000	55,500	114.0	6,320,600	13,700	17.0	233,000
Chautauqua	22,000	5,400	113.0	609,600	16,300	16.0	260,900
Chemung	4,500	2,200	106.0	233,000	2,300	15.0	34,500
Chenango	20,000	5,400	107.0	577,200	14,100	15.5	218,600
Clinton	17,500	5,200	107.0	556,600	12,000	16.0	192,100
Columbia	20,500	10,600	120.0	1,270,700	9,400	14.5	136,400
Cortland	20,500	6,500	107.0	694,800	13,500	15.5	209,300
Delaware	14,500	1,000	120.0	119,900	13,200	15.5	204,700
Dutchess	16,000	8,600	95.0	816,200	6,900	15.0	103,500
Erie	24,000	11,500	113.0	1,298,200	12,000	15.5	186,100
Essex	4,000	300	102.0	30,600	3,600	14.0	50,400
Franklin	10,500	1,600	106.0	169,400	8,700	15.5	134,900
Fulton	3,500	900	92.0	82,700	2,500	12.5	31,300
Genesee	41,500	27,500	114.0	3,131,800	13,500	14.5	195,800
Greene	2,200	700	91.0	63,600	1,000	13.0	13,000
Hamilton	-	-	-	-	-	-	-
Herkimer	20,000	6,000	101.0	605,400	13,800	15.0	207,100
Jefferson	34,500	10,000	104.0	1,039,000	24,000	14.0	336,100
Lewis	14,500	2,700	110.0	297,000	11,400	16.5	188,200
Livingston	35,000	24,200	119.0	2,876,900	10,200	13.5	137,800
Madison	34,000	12,500	95.0	1,186,300	20,300	14.0	284,300
Monroe	22,000	17,900	112.0	2,002,800	3,900	14.0	54,600
Montgomery	23,500	10,000	94.0	939,100	13,000	13.0	169,100
Nassau	-	-	-	-	-	-	-
Niagara	23,000	18,500	110.0	2,033,000	4,200	17.0	71,400
Oneida	33,500	16,000	110.0	1,758,000	17,200	15.0	258,100
Onondaga	36,000	25,200	112.0	2,819,600	10,600	15.0	159,100
Ontario	42,000	36,500	116.0	4,229,700	5,400	16.5	89,100
Orange	16,500	4,800	88.0	422,000	10,600	14.0	148,500
Orleans	24,000	18,800	102.0	1,915,700	5,000	17.5	87,500
Oswego	13,000	5,700	99.0	563,700	7,000	13.0	91,000
Otsego	21,500	5,900	109.0	642,500	15,300	15.0	229,500
Putnam	1/	1/	1/	1/	1/	1/	1/
Rensselaer	13,500	6,900	120.0	827,200	6,200	14.0	86,800
Rockland	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	28,000	3,400	104.0	353,200	23,600	16.0	377,700
Saratoga	11,000	4,800	118.0	565,800	6,000	14.0	84,000
Schenectady	1,200	700	96.0	67,100	500	13.5	6,800
Schoharie	11,500	3,400	103.0	349,800	7,800	14.0	109,200
Schuyler	6,000	2,700	90.0	242,800	2,800	13.0	36,400
Seneca	23,000	19,500	109.0	2,123,400	3,000	17.5	52,500
Steuben	33,000	16,400	91.0	1,490,900	16,000	14.5	232,100
Suffolk	700	500	115.0	57,400	200	18.0	3,600
Sullivan	3,500	1,100	120.0	131,900	2,500	15.0	37,500
Tioga	14,500	6,900	95.0	654,800	7,500	13.0	97,500
Tompkins	17,000	12,000	106.0	1,270,700	4,700	16.5	77,600
Ulster	3,500	2,200	106.0	233,000	1,200	15.0	18,000
Warren	300	-	-	-	300	14.5	4,400
Washington	29,500	7,700	113.0	869,200	20,800	15.0	312,200
Wayne	30,500	25,400	111.0	2,816,600	4,800	16.5	79,200
Westchester	1/	1/	1/	1/	1/	1/	1/
Wyoming	37,500	14,300	112.0	1,600,000	22,500	16.0	360,100
Yates	13,500	10,600	111.0	1,175,400	2,600	16.5	42,900
Other Counties	100	100	97.0	9,700	-	-	-
TOTAL	1,010,000	510,000	109.0	55,590,000	480,000	15.0	7,200,000

1/ Included in Other Counties.

Table 111. OATS: Acreage, Yield, and Production, by Counties, 1986-1987

County	Planted		Harvested		Yield		Production	
	1986	1987	1986	1987	1986	1987	1986	1987
	Acres		Acres		Bushels		Bushels	
Albany	1,400	1,000	1,000	400	48.0	48.0	47,700	19,200
Allegany	6,600	6,000	5,200	4,200	59.0	58.0	305,800	243,800
Broome	1,800	1,800	1,500	1,300	54.0	62.0	80,600	80,700
Cattaraugus	6,200	6,200	4,200	4,100	57.0	54.0	237,600	221,600
Cayuga	10,500	14,500	9,900	13,500	69.0	55.0	682,700	745,000
Chautauqua	4,300	4,800	2,700	2,800	61.0	59.0	165,500	165,300
Chemung	1,900	1,500	1,500	1,000	64.0	54.0	95,500	54,000
Chenango	2,500	2,500	1,500	1,400	67.0	67.0	100,600	92,500
Clinton	2,900	3,300	1,300	1,300	82.0	43.0	106,000	55,900
Columbia	2,700	4,000	2,000	3,200	57.0	47.0	113,900	150,500
Cortland	3,000	4,200	2,100	3,300	61.0	52.0	128,000	171,700
Delaware	1/	1/	1/	1/	1/	1/	1/	1/
Dutchess	1,500	1,400	1,100	800	49.0	47.0	54,100	37,600
Erie	6,000	6,300	5,400	5,700	64.0	62.0	345,300	353,700
Essex	600	700	300	300	60.0	61.0	18,000	18,300
Franklin	2,100	1,600	1,400	1,300	56.0	57.0	78,700	74,200
Fulton	1,000	1,000	800	700	62.0	60.0	49,600	422,000
Genesee	5,400	5,800	5,000	5,400	74.0	64.0	368,900	346,000
Greene	1/	1/	1/	1/	1/	1/	1/	1/
Hamilton	-	-	-	-	-	-	-	-
Herkimer	9,400	9,300	6,900	6,600	67.0	64.0	462,200	422,700
Jefferson	8,700	8,100	6,300	5,500	68.0	61.0	427,700	336,500
Lewis	2,600	2,600	1,800	1,700	78.0	58.0	139,700	98,700
Livingston	12,200	17,500	11,400	16,500	72.0	58.0	817,700	959,800
Madison	8,900	9,900	8,100	8,400	71.0	62.0	573,700	521,200
Monroe	6,000	8,300	5,600	8,000	77.0	68.0	432,200	544,400
Montgomery	3,100	4,000	2,300	2,400	68.0	52.0	157,400	124,900
Nassau	-	-	-	-	-	-	-	-
Niagara	2,800	4,200	2,500	3,900	53.0	58.0	133,400	226,400
Oneida	8,600	8,500	7,500	7,200	71.0	70.0	529,800	504,400
Onondaga	11,700	11,700	10,500	10,500	73.0	67.0	764,300	705,000
Ontario	11,000	10,800	10,900	9,800	70.0	612.0	761,400	598,200
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	2,800	5,000	2,700	4,700	72.0	78.0	1,193,100	366,600
Oswego	1,700	1,700	1,100	900	70.0	51.0	77,000	45,900
Otsego	4,900	4,200	4,100	3,200	61.0	60.0	250,400	192,100
Putnam	1/	1/	1/	1/	1/	1/	1/	1/
Rensselaer	1,900	2,300	1,000	1,000	49.0	58.0	48,800	58,000
Rockland	1/	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	5,000	4,800	2,100	1,800	68.0	54.0	142,000	97,300
Saratoga	1,000	1,800	700	1,100	64.0	49.0	44,700	53,900
Schenectady	500	400	300	200	49.0	59.0	14,600	11,800
Schoharie	2,700	3,500	1,700	2,000	70.0	58.0	118,400	116,1-0
Schuyler	3,100	1,900	2,800	1,700	63.0	49.0	175,400	83,400
Seneca	7,200	6,000	6,800	5,300	67.0	52.0	456,200	275,800
Steuben	22,100	22,000	19,700	18,900	70.0	57.0	1,385,600	1,080,000
Suffolk	1,500	1,400	500	300	64.0	54.0	32,000	16,200
Sullivan	1/	1/	1/	1/	1/	1/	1/	1/
Tioga	2,200	2,500	1,800	2,000	62.0	61.0	111,000	122,100
Tompkins	4,800	5,800	4,300	5,000	72.0	55.0	311,300	276,000
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	-	-	-	-	-	-	-	-
Washington	2,000	3,000	1,100	1,700	70.0	54.0	77,500	91,900
Wayne	4,300	5,500	4,000	5,200	73.0	64.0	293,100	333,000
Westchester	1/	1/	1/	1/	1/	1/	1/	1/
Wyoming	11,500	11,500	10,200	10,100	69.0	65.0	705,200	658,000
Yates	4,000	3,600	3,700	3,200	72.0	58.0	267,200	185,700
Other Counties	1,400	1,600	700	500	55.0	44.0	38,400	22,000
TOTAL	230,000	250,000	190,000	200,000	68.0	60.0	12,920,000	12,000,000

1/ Included in Other Counties.

Table 112. WHEAT: Acreage, Yield, and Production, by Counties, 1986-1987

County	Planted		Harvested		Yield		Production	
	1986	1987	1986	1987	1986	1987	1986	1987
	Acres		Acres		Bushels		Bushels	
Albany	1/	1/	1/	1/	1/	1/	1/	1/
Allegany	700	400	600	300	40.0	42.0	24,000	12,600
Broome	1/	1/	1/	1/	1/	1/	1/	1/
Cattaraugus	1/	1/	1/	1/	1/	1/	1/	1/
Cayuga	11,000	5,500	10,500	4,900	47.0	45.0	493,500	220,500
Chautauqua	1/	1/	1/	1/	1/	1/	1/	1/
Chemung	1/	1/	1/	1/	1/	1/	1/	1/
Chenango	1/	1/	1/	1/	1/	1/	1/	1/
Clinton	-	-	-	-	-	-	-	-
Columbia	300	300	400	200	58.0	49.0	23,200	9,800
Cortland	1/	1/	1/	1/	1/	1/	1/	1/
Delaware	1/	1/	1/	1/	1/	1/	1/	1/
Dutchess	1/	1/	1/	1/	1/	1/	1/	1/
Erie	2,900	1,200	2,400	900	44.0	51.0	105,600	45,900
Essex	700	500	800	300	38.0	35.0	30,400	10,500
Franklin	-	-	-	-	-	-	-	-
Fulton	1/	1/	1/	1/	1/	1/	1/	1/
Genesee	13,200	10,500	15,600	10,200	52.0	53.0	811,200	540,600
Greene	1/	1/	1/	1/	1/	1/	1/	1/
Hamilton	-	-	-	-	-	-	-	-
Herkimer	1/	1/	1/	1/	1/	1/	1/	1/
Jefferson	1,600	800	1,400	600	40.0	45.0	56,000	27,000
Lewis	1/	1/	1/	1/	1/	1/	1/	1/
Livingston	17,500	11,000	16,000	10,600	47.0	46.0	752,000	487,400
Madison	1,000	500	900	400	53.0	40.0	36,000	16,000
Monroe	15,000	7,400	14,600	6,700	53.0	43.0	774,000	288,100
Montgomery	800	500	700	400	50.0	47.0	35,000	18,800
Nassau	-	-	-	-	-	-	-	-
Niagara	8,000	3,000	7,800	2,600	43.0	46.0	335,500	119,600
Oneida	1,500	800	1,400	500	50.0	46.0	70,000	23,000
Onondaga	5,800	3,800	5,600	3,000	52.0	49.0	291,200	147,000
Ontario	21,000	14,000	20,000	13,000	50.0	50.0	1,000,000	650,000
Orange	1/	1/	1/	1/	1/	1/	1/	1/
Orleans	1e,000	6,000	9,600	5,400	50.0	40.0	480,000	216,000
Oswego	200	200	100	100	50.0	47.0	5,000	4,700
Otsego	1/	1/	1/	1/	1/	1/	1/	1/
Putnam	1/	1/	1/	1/	1/	1/	1/	1/
Rensselaer	1/	1/	1/	1/	1/	1/	1/	1/
Rockland	1/	1/	1/	1/	1/	1/	1/	1/
St. Lawrence	1/	1/	1/	1/	1/	1/	1/	1/
Saratoga	1/	1/	1/	1/	1/	1/	1/	1/
Schenectady	1/	1/	1/	1/	1/	1/	1/	1/
Schoharie	1/	1/	1/	1/	1/	1/	1/	1/
Schuyler	2,000	1,200	1,800	1,000	44.0	45.0	79,200	45,000
Seneca	16,000	10,000	15,600	9,000	48.0	47.0	749,000	423,000
Steuben	1,800	700	1,700	500	47.0	37.0	79,900	18,500
Suffolk	3,000	1,500	2,000	900	50.0	47.0	100,000	42,300
Sullivan	1/	1/	1/	1/	1/	1/	1/	1/
Tioga	1/	1/	1/	1/	1/	1/	1/	1/
Tompkins	2,400	1,400	2,300	1,100	52.0	51.0	119,600	56,100
Ulster	1/	1/	1/	1/	1/	1/	1/	1/
Warren	-	-	-	-	-	-	-	-
Washington	1/	1/	1/	1/	1/	1/	1/	1/
Wayne	6,000	2,000	5,600	1,800	47.0	42.0	263,200	75,400
Westchester	1/	1/	1/	1/	1/	1/	1/	1/
Wyoming	8,000	2,500	7,400	2,200	48.0	51.0	355,200	112,200
Yates	7,500	2,400	7,000	2,200	54.0	45.0	378,000	99,000
Other Counties	4,100	1,900	3,200	1,200	46.0	42.0	148,300	51,000
TOTAL	165,000	90,000	155,000	80,000	49.0	47.0	7,595,000	3,760,000

1/ Included in Other Counties.

Table 113. CATTLE: Number on Farms, by Counties, January 1, 1987 and 1988

County	All cattle and calves		Milk cows		Beef cows	
	1987 1/	1988	1987 1/	1988	1987 1/	1988
	Number					
Albany	9,500	8,600	2,900	2,800	1,700	2,000
Allegany	33,000	29,500	16,000	14,000	2,900	3,200
Broome	30,000	27,500	13,000	12,000	1,900	2,500
Cattaraugus	62,000	58,000	27,500	26,000	3,200	3,600
Cayuga	54,000	49,500	25,500	24,000	2,900	3,200
Chautauqua	68,000	63,000	31,500	29,500	4,000	4,300
Chemung	12,000	10,000	5,500	5,100	1,500	1,700
Chenango	56,000	51,000	31,000	29,500	2,000	2,400
Clinton	40,000	37,000	20,000	19,000	700	700
Columbia	30,000	27,000	15,000	14,000	2,400	2,400
Cortland	51,000	47,000	24,500	23,000	1,000	1,400
Delaware	70,000	64,000	33,000	31,500	2,400	2,900
Dutchess	23,000	21,000	9,800	9,400	4,100	4,500
Erie	36,500	33,500	20,500	19,500	2,700	2,700
Essex	8,100	7,500	3,900	3,700	1,000	1,000
Franklin	43,000	39,500	23,000	21,500	800	1,100
Fulton	8,800	8,500	5,100	4,500	700	700
Genesee	47,000	41,000	19,000	17,500	1,900	2,200
Greene	7,400	6,700	3,100	3,000	1,200	1,200
Hamilton	2/	2/	2/	2/	2/	2/
Herkimer	53,000	48,500	27,500	26,000	1,500	2,000
Jefferson	87,000	82,000	44,500	42,500	2,600	2,900
Lewis	59,000	55,000	33,500	32,000	400	700
Livingston	41,500	37,000	16,000	15,000	2,700	2,800
Madison	70,000	64,000	36,500	34,000	1,600	2,200
Monroe	15,000	14,000	5,500	5,000	1,300	1,300
Montgomery	44,500	41,000	22,500	21,000	1,600	1,600
Nassau	2/	2/	2/	2/	2/	2/
Niagara	20,000	18,000	7,500	7,000	2,100	2,200
Onondaga	37,000	34,000	18,500	16,500	2,000	2,000
Ontario	28,000	25,000	10,000	9,400	2,900	3,000
Orange	32,500	29,500	17,000	16,000	1,900	2,400
Orleans	15,000	14,000	5,000	5,000	2,100	2,100
Oswego	26,000	24,000	10,500	10,000	2,500	2,500
Otsego	67,000	62,000	33,000	31,000	1,800	2,000
Putnam	2/	2/	2/	2/	2/	2/
Rensselaer	22,000	20,000	10,500	9,500	2,500	2,500
Rockland	2/	2/	2/	2/	2/	2/
St. Lawrence	91,000	84,000	48,500	46,000	2,300	3,600
Saratoga	19,000	18,000	8,400	8,000	1,200	1,700
Schenectady	2,500	2,400	1,300	1,200	500	600
Schoharie	29,000	27,000	15,500	14,500	2,000	2,200
Schuyler	11,500	10,500	4,500	4,400	1,300	1,300
Seneca	13,500	12,000	6,000	5,900	1,500	1,700
Steuben	58,000	53,000	27,500	25,500	4,800	6,100
Suffolk	2/	2/	2/	2/	2/	2/
Sullivan	12,800	12,000	6,800	6,200	1,000	1,200
Tioga	32,500	31,000	16,000	15,500	2,100	2,100
Tompkins	23,500	21,000	11,000	10,500	1,900	2,000
Ulster	7,800	7,000	3,100	2,600	1,700	1,700
Warren	2/	2/	2/	2/	2/	2/
Washington	59,000	55,000	32,000	30,000	1,800	2,200
Wayne	21,000	19,000	9,000	8,400	2,200	2,600
Westchester	2/	2/	2/	2/	2/	2/
Wyoming	82,000	76,000	37,500	36,000	1,800	1,800
Yates	13,500	12,000	6,500	6,500	1,300	1,500
Other Counties	3,600	3,300	2,100	1,400	700	800
TOTAL	1,854,000	1,702,000	900,000	844,000	100,000	112,000

1/ Revised. 2/ Included in Other Counties.

Table 114. MILK: Cows and Production, by Counties, 1985 and 1986

County	Annual average milk cows		Average production per cow		Total milk production	
	1985	1986	1985	1986	1985	1986
	Number		Pounds		Thousand pounds	
Albany	3,500	3,100	11,700	11,700	41,000	36,300
Allegany	17,000	16,000	12,200	12,400	207,400	198,400
Broome	13,500	13,000	12,200	12,300	164,700	159,900
Cattaraugus	27,500	27,500	11,500	12,000	316,300	330,000
Cayuga	28,000	28,000	12,800	12,700	358,400	355,600
Chautauqua	33,000	32,000	11,500	11,600	379,500	371,200
Chemung	5,800	5,700	11,100	11,300	64,400	64,400
Chenango	31,000	31,000	11,900	12,200	368,900	378,200
Clinton	22,000	21,000	12,000	12,000	264,000	252,000
Columbia	15,500	15,500	12,500	12,800	193,700	198,400
Cortland	25,000	25,000	12,400	12,600	310,000	315,000
Delaware	35,500	33,500	12,100	12,700	492,500	425,500
Dutchess	12,500	10,000	12,200	12,600	152,500	126,000
Erie	21,000	20,500	12,600	13,100	264,600	268,600
Essex	3,900	3,900	11,800	12,000	46,000	46,800
Franklin	23,000	23,500	12,000	12,000	276,000	282,000
Fulton	5,100	5,100	11,800	11,700	60,200	59,700
Genesee	22,000	22,000	13,100	13,600	288,200	299,200
Greene	3,400	3,200	12,300	12,500	41,800	40,000
Hamilton	1/	1/	1/	1/	1/	1/
Herkimer	28,000	29,000	12,900	12,600	361,200	365,400
Jefferson	45,500	45,500	12,200	12,300	555,100	559,600
Lewis	34,500	34,000	13,200	13,200	455,400	448,800
Livingston	19,500	19,000	12,300	12,700	239,800	241,300
Madison	38,000	37,500	12,400	12,600	471,200	472,500
Monroe	7,400	6,000	11,700	11,900	86,600	71,400
Montgomery	22,500	23,000	12,700	12,500	285,800	287,500
Nassau	1/	1/	1/	1/	1/	1/
Niagara	8,300	8,300	12,500	12,400	103,700	102,900
Onondaga	20,000	20,000	12,700	12,800	254,000	256,000
Ontario	11,500	11,500	13,800	14,200	158,700	163,300
Orange	19,000	17,500	11,500	12,000	218,500	210,000
Orleans	6,000	6,000	12,100	12,200	72,600	73,200
Oswego	11,000	10,500	12,500	13,100	137,500	137,600
Otsego	36,000	35,500	12,400	13,100	446,400	465,100
Putnam	1/	1/	1/	1/	1/	1/
Rensselaer	11,500	10,500	12,800	13,200	147,200	138,600
Rockland	1/	1/	1/	1/	1/	1/
St. Lawrence	49,000	49,000	12,000	12,000	588,000	588,000
Saratoga	8,700	8,500	12,600	12,300	109,600	104,600
Schenectady	1,500	1,400	11,800	12,000	17,700	16,800
Schoharie	17,000	16,000	11,400	11,700	193,800	187,200
Schuyler	5,300	5,100	12,000	12,700	63,600	64,800
Seneca	5,400	6,000	13,800	13,600	74,500	81,600
Steuben	27,500	28,000	13,000	13,200	357,500	369,600
Suffolk	1/	1/	1/	1/	1/	1/
Sullivan	7,000	6,800	11,600	12,100	81,200	82,300
Tioga	16,500	16,000	11,800	12,600	194,700	201,600
Tompkins	11,500	12,000	13,500	13,000	155,300	156,000
Ulster	3,900	3,200	11,000	12,000	42,900	38,400
Warren	1/	1/	1/	1/	1/	1/
Washington	33,000	33,000	12,400	12,500	409,200	412,500
Wayne	8,800	9,000	13,000	12,900	114,400	116,100
Westchester	1/	1/	1/	1/	1/	1/
Wyoming	40,500	41,000	13,200	13,100	534,600	537,100
Yates	6,200	6,500	14,000	14,100	86,800	91,700
Other Counties	2,300	2,200	12,000	12,100	27,600	26,600
TOTAL	948,000	934,000	12,374	12,551	11,731,000	11,723,000

1/ Included in Other Counties.

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